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ABSTRACT

This report analyzes interscholastic athletic programs offered by Minnesota high schools to identify errors in data reporting and suggest corrective action, identify areas of gender inequality in athletic offerings, and identify needed improvements in rule, law, or reporting requirements. The report outlines issues in sports equity, compares sports offerings generally and in various school districts, compares participation data by sport and by student, compares financial data, recommends methods for improving data collection and analysis, and examines changes in statute and State Board rules that could affect sports equity. The first appendix presents athletic report forms for six representative school districts for 1989-90. Other appendices, which comprise the bulk of the report, present data for individual school districts on: (1) secondary enrollment and athletic participation; (2) male and female athletic participation rates and comparisons; (3) school districts ranked by unduplicated comparison of male and female athletic participation rates; (4) school districts ranked by comparison of total athletic participation; (5) school districts ranked by female participation ratio; (6) districts ranked by average number of sports played by male and female participants and by difference in average number of sports played; and (7) state totals for athletic activities for 1989-90, categorized by sport. (JDD)

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A REPORT TO THE MINNESOTA LEGISLATURE CONCERNING INTERSCHOLASTIC ATHLETIC EQUITY IN MINNESOTA HIGH SCHOOLS

MARCH 23, 1992

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PRELIMINARY REVIEW OF INTERSCHOLASTIC ATHLETIC ACTIVITY IN MINNESOTA

I. INTRODUCTION

The purposes of this report are to analyze existing data on interscholastic athletic programs offered by Minnesota school districts, to identify errors in data reporting and suggest corrective action, to identify areas of gender inequality in athletic offerings, and to identify areas in rule, law or reporting requirements which could be improved.

This report also provides information to the data collection and enforcement sections of the Minnesota Department of Education on issues relating to the editing and use of athletic data for the purpose of monitoring sports equity compliance by Minnesota school districts. This part of the report includes the results of a series of meetings with department personnel concerning improving the reporting and monitoring process.

Certain districts are identified and analyzed in this report to illustrate problems or situations that are believed to apply to a large number of districts. In most cases any of a large number of districts could have been selected for illustration, and the fact that a specific district has been selected should not be given any special importance.

It follows upon an informal survey prepared by the Equal Educational Opportunities Section of the Minnesota Department of Education (MDE or Department) entitled, "Interscholastic Athletic Opportunities in Minnesota Public School Districts Examined by Gender."

The MDE survey evaluated gender equity by examining the number of interscholastic sports offerings for girls and boys in each Minnesota school district. The MDE survey reported that 65% of the districts offered fewer sports for girls than for boys.

The MDE also found that almost no districts were in compliance with State Board Rules which require districts to survey students to determine their interest in sports and report the method used to determine interest to the Department.

The MDE survey did not draw conclusions or make recommendations based on the data examined, but in summary stated that much progress has been made toward equity, and that there is a need to make every effort to go forward toward equity with determination and commitment.

The implication from the MDE survey is that Minnesota school districts are not generally in compliance with State and Federal laws and State Board rules requiring equal opportunities for boys and girls in athletic program offerings. In addition, complaints have been filed on behalf of students in several Minnesota school districts alleging that those districts are not in compliance with the requirements.

In defense of the present array of sports offerings it has been submitted that in cases where fewer sports are offered for girls, or where there is less expenditure or participation in girls sports, this result is a reflection of demand rather than opportunity because girls do not express the same degree of interest in sports as do boys. In some instances it is also submitted that opportunities are equal because the opportunity for girls to participate in organized activities such as figure skating, synchronized swimming, danceline, or cheerleading should be given the same weight as interscholastic sports recognized by the Minnesota State High School League (hereafter referred to as the "High School League").

In regard to the view that additional activities should be recognized as contributing to sports equity, the High School League, which oversees interscholastic athletic competition, has considered adding danceline as a recognized athletic competition, and this issue has become controversial for its possible impact on sports equity. There is a fear that recognizing danceline as a sport will limit the progress toward equity in other areas of sports.

In light of these basic definitional and theoretical issues it is clear that data on athletic programs cannot not itself resolve the questions concerning equal opportunity in interscholastic athletics.

Further complicating the matter is the fact that the available data on athletic offerings by gender is not qualitatively comparable to the standards of financial and pupil data used by the Department for other purposes (such as for school aids and levies).

Despite problems with reporting and collection, the data does make unequivocally clear that athletic programs for boys and for girls are not equal. There are more, and more varied sports offerings for boys, more money spent on boys athletics, and more money spent per participant for boys athletics. This observation obtains for state totals, regional totals, and district by district.

While equal opportunity is not necessarily synonymous with equal offerings or equal expenditure (because of possible differences in demand), it is reasonable to conclude that sports equity is a goal toward which Minnesota has been striving, but not a goal which has been attained.

More consideration and discussion concerning what should be achieved in interscholastic athletics is needed. There are issues of definition and policy which need to be addressed or resolved. Many of these are discussed in the sections which follow.

II. COMPARISON OF SPORTS OFFERINGS GENERALLY AND IN VARIOUS SCHOOL DISTRICTS

Ideally this review would examine the sports programs of the various school districts in regard to statutory requirements and State Board Rules governing sports equity. The first such requirement is that districts fairly survey the sports interest of their students and act in harmony with that interest for both boys and girls. School districts may need to go beyond mere response to latent interest and seek to foster and encourage interest, especially where boys' and girls' interest in sports have been disproportionately affected by limited girls sports offerings in the past and conditioned by a disproportionate attention to male-dominated professional sports, but the interest survey is a necessary starting point. Unfortunately, survey data is not available.

Also of concern are school district data on athletic expenditures and participation rates in boys and girls sports. Expenditure data has been analyzed. Participation has been examined for both total participation and the number of boys and girls participating in at least one sport.

Also important are the numbers and qualifications of coaches provided to the participants, and the numbers and levels of team offerings within each sport. Data on these issues has been examined.

However, data problems are found in all of these areas. It is for this reason that the MDE survey relied exclusively on numbers of sports offerings for its analysis. Similarly, because of data errors in other categories, sports offerings and participation are the most useful parameters to consider at this time. Analysis along these parameters will most effectively identify the important issues and considerations relating to sports equity in Minnesota.

A continuing issue in examining the available data is how to measure equal opportunity or equity in light of the sports offerings made available to boys and girls. It is easy to recognize equal (identical) offerings; it is not as easy to define equity in the face of different offerings. It is a fact that Minnesota does not offer the same sports for girls as for boys.

Some sports are typically offered as separate activities for boys and for girls. These sports include swimming, basketball, cross country, golf, soccer, tennis, and track and field.

Participation and expenditures are on average greater for girls in swimming and tennis, and greater for boys in the others.

Many districts offer baseball for boys and softball for girls, although a significant number of schools offer baseball, but not softball, and a few offer softball, but not baseball. There is more participation, and more expenditure in total and per pupil for baseball. Baseball and softball are not the same sport, although they seem to be regarded as such for comparison of boys and girls offerings. Whether this is strictly true may be worth considering. There is also a distinction between fast pitch and slow pitch softball that could be important. Slow pitch softball is a more recreational sport which may serve to meet expressed demand, but fast pitch softball is necessary to provide girls the opportunity for winning college scholarships which are not available to girls in slow pitch softball (or baseball). It might also be argued that baseball for girls would say more for gender equity.

Football, hockey and wrestling must be considered as boys sports, although State Board and High School League rules provide that girls may try out for football and hockey and a few girls do make the teams.

Volleyball is offered only for girls, and gymnastics is becoming a girls-only offering.

Football and Volleyball have the highest overall participation, with football having 50% more participants than volleyball, and twice the expenditure.

Comparison of offerings where the sports offered are not the same present additional issues of measuring whether offerings are equitable. Sports can be classified as contact or non-contact sports, and as team or individual sports. Sports in each classification offer qualitatively different experiences and opportunities. Wrestling offers boys an individual contact sport which has no equivalent among girls sport offerings. Should one conclude that equal opportunity exists in a district that offers wrestling for boys, but does not offer an individual contact sport for girls? Such a difference in opportunity is not likely to be explained away by demand in light of the widely expressed interest in self defense training for women, and the existence of individual contact sports for women at the club level (many martial arts show significant participation by women) and even at the Olympic level (judo).

Many schools offer football in the fall for boys and volleyball for girls. Football is a team contact sport; volleyball is a team non-contact sport. The varsity football team offers as many as 11 starting positions on offense, 11 more on defense, plus kicking specialists and special teams. It is played outdoors in the elements. Volleyball offers 6 starting positions and is played indoors. The football season is 9 games; the volleyball season is 16 games. Should football and volleyball be recognized as equivalent or offsetting athletic opportunities if there is expressed demand for outdoor fall girls sports such as field hockey or soccer? Volleyball is offered in the fall rather than the winter in part because of the competition for indoor facilities in the winter from basketball and wrestling.

Additional considerations arise from the distribution of sports offerings during the school year. Even where districts are offering the same number of sports for boys and girls, the numbers of seasonal offerings often differ. The seasonal distribution of the offerings affects the opportunity to take part in more than one sport during the school year. The traditional distribution of boys sports seasons accommodating boys multi-sports participation has been largely unaffected by the addition of girls sports programs. It is not so clear that the seasonal distribution of girls sports is as accommodating for multi-sport participation. Participation data indicate that girls multi-sport participation is lower than for boys.

The seasonal distribution of sports offerings also involves the question of indoor and outdoor activities, as discussed above for football and volleyball.

With these difficulties in mind one may examine some of the data on sports offerings. Data has been obtained from the MDE and from the High School League. The data is reported at the school level. The MDE survey discussed in the introduction analyzed the data at the district level and classified the 401 districts offering athletic programs into three groups identified in the survey as:

1) equal athletic offerings (including districts that offer more girls sports),

2) one sport fewer for females, and

3) two or more sports fewer for females.

The MDE study classified 142 districts (35.4%) in the first group, 169 (42.1%) in the second group, and 90 (22.4%) in the third group. The MDE study included grades 7 through 12 in the analysis.

The High School League data contains information on 439 Minnesota public and private high schools offering athletic programs (excluding one all girls school and one all boys school). Putting this data into the same categories as the MDE study yields 112 schools (25.5%) in the first category, 246 schools (56.0%) in the second category, and 81 schools (18.5%) in the third category.

The High School League results differ from the MDE study results; the MDE study shows more districts in the first category than is explained by the League data. The League believes its data is more accurate, which is possible because its data comes directly from its data base which tracks sports team registrations, while the MDE data is coded off of forms submitted by the districts. Examination of the underlying data indicates that the MDE data base miscounts activities indirectly provided by the districts through cooperation with other districts. The problem results from the instruction in the Athletic Activities Report requiring districts to report, "all athletic activities offered within a school district."

The League data includes all opportunities made available to students by the district, whether provided within the district or through cooperation with another district.

It is instructive to look at a sample of districts to illustrate the considerations discussed in this section. The sample includes the first three districts listed in the MDE survey in category one (most equal), and the first three districts in the bottom category (least equal) from the League data. The data used is for the 1989-90 school year, the most recent year for which data entry has been completed.

Hill City, Columbia Heights, and Frazee are described in the MDE survey as offering equal athletic opportunity. The Athletic Activities Reports for these districts are attached. See Appendix A.

The Hill City report form shows that Hill City offers football, basketball and baseball for boys, and volleyball, basketball and softball for girls, 3 sports each. The High School League data shows that Hill City also provides boys and girls cross country along with Deer River and Northland high schools, and boys track and field with Northland and Eagle Country Christian, and boys wrestling with Deer River, Eagle Country Christian and Northland. Thus, boys at Hill City have opportunities in 6 sports while girls have opportunities in 4 sports.

Also of interest is the fact that Hill City reports greater expenditures on boys sports, both in total and per participant, and has more boys participating, by both duplicated and unduplicated count. Even in basketball where the sports are the same and where there is one more girl participant the expenditure on the boys activity is 17% greater in total, $171 per boy compared to $139 per girl.

Beyond these considerations are the questions about whether football should be equated to volleyball, or softball to baseball.

All in all, it is difficult to conclude from this data that Hill City offers equal athletic opportunities to boys and girls.

Columbia Heights also appears in the MDE survey as equal. The Columbia Heights high school report form shows 12 boys and 10 girls sports. The High School League data shows 12 boys and 11 girls sports, differing by the inclusion of synchronized swimming for girls. The MDE evaluation included a site visit at which the school submitted that girls golf was also available although no girls had participated.

The Columbia Heights participation by season is as follows:

	boys	#	girls	#
Fall:	football	100	volleyball	42
	soccer	22	tennis	19
	running	10	soccer	21
			swimming	30
			running	7
	3	132	5	119
Winter:	hockey	30	basketball	33
	wrestling	27	gymnastics	19
	basketball	48	skiing	15
	swimming	25		
	skiing	15		
	5	145	3	67
Spring:	baseball	46	softball	40
	track	35	track	30
	tennis	23		
	golf	13		
	4	117	2	70
Totals:	12	394	10	256
Unduplicated:		158		142

Even if synchronized swimming and golf are counted as spring offerings, equal numbers of offerings are not made for boys and girls in the fall and winter. This raises some questions. Does girls participation fall off in the winter (by 44%) while boys participation increases (by 10%) due to girls lower demand for sports or because of the unequal division of offerings among the seasons? Is it equitable to schedule 4 other sports with the most popular girls offering (volleyball) while only 2 other sports are scheduled with the most popular boys offering (football)?

There is evidence that girls at Columbia Heights have an interest in sports that is not much different than the boys: fall sports participation numbers are similar, soccer participation numbers are similar, baseball-softball numbers are similar, track, tennis, skiing and running numbers are similar, and the unduplicated participation is similar. Why, then, is the total participation 54% greater for boys (394) than for girls (256)?

The financial data for Columbia Heights does not help us to answer these questions, but it is worth examining because it illustrates many of the problems with the reporting that are discussed later in this review. The far right column of the district report form is labeled, "Expenditures to the Nearest Whole Dollar." Expenditures do not include coaches salaries; the number of coaches (by headcount, not F.T.E.) is reported separately.

Note that for Columbia Heights the expenditure on football (100 participants) is exactly twice the expenditure on Volleyball (42 participants). The expenditure shown for hockey is exactly the same as for girls basketball and for boys basketball. However, a question arises as to how the district accounts for ice time and protective equipment for hockey. Girls and boys expenditures for every sport offered for both boys and girls is exactly the same, even when the sport is offered in different seasons. The expenditure for gymnastics is the same as for swimming. The expenditures for baseball, softball, and track are all exactly the same. Columbia Heights has simply allocated its costs among the sports under the assumption that all is equal.

There is, in effect, no financial information with which to assess sports equity in Columbia Heights.

Frazee is shown by both the MDE and the High School League to offer 7 boys and 7 girls sports. Boys participation totals 314, while girls totals 214. Unduplicated participation is 149 for boys, 124 for girls. Except for football paired with volleyball and wrestling paired with gymnastics, Frazee offers the same sports in the same seasons for boys and for girls.

Significantly fewer girls play basketball (37) than do boys (64), but the district reports spending more for participant in the girls program and offers more coaching per participant.

Possible concerns in Frazee are the lack of an outdoor equivalent of football in the fall, the decline of girls participation in the winter, and the comparison of boys wrestling, a contact sport with 61 participants with girls gymnastics, a non-contact sport with 14 participants. Baseball and softball present the questions discussed earlier, and Frazee reports fewer coaches and less expenditure per participant for softball.

Bagley appears in the High School League data as the most disparate in terms of number of sports offerings: 9 boys to 5 girls. (No other districts differ by more than 3 sports.) These numbers correspond with the MDE and district reports. It can be argued that Bagley gets singled out because of one boy participating in tennis where the district shows zero expenditure (although one coach is listed).

The Bagley report form shows that Bagley offers cross country running for boys and girls in the fall along with volleyball and football. More girls participate in running than do boys, but football has 98 participants compared to 60 for volleyball.

In the winter Bagley offers boys and girls basketball, and more girls participate in basketball than do boys. However, Bagley also offers hockey and wrestling, bringing boys participation to nearly double that of girls in the winter.

In the spring Bagley offers track and golf for boys and girls, and in these sports girls participation exceeds boys 60 to 44. However, Bagley offers baseball, but not softball, adding 52 more male participants. Finally, one boy plays tennis and is provided a coach.

The Bagley financial data shows that the district entered boys and girls golf on the same line of the form. These entries are not picked up on the data base and, thus, any MDE analysis of the data base would be in error. The corrected data shows that Bagley reported expenditures of $35,051 (excluding coaching salaries) for boys sports, and $13,051 for girls. Expenditures per participant were $115 for boys and $73 for girls. Hockey and Wrestling have the greatest impact on the spending differences. Bagley spends $3,575 on one gender sports for girls (volleyball), but spends $24,206 on one gender sports for boys (baseball, football, wrestling, and hockey).

Despite the differences in offerings 152 girls and 148 boys participated in sports, but the total participation of the boys was 304 compared to 189 for the girls.

The discrepancy in sports offerings for girls in the Bagley district is not explained by lack of demand.

Anoka and Fosston are two of the schools that the High School League data identifies as providing 3 fewer sports offerings for girls. Anoka Senior High is in the Anoka-Hennepin district, the second largest district in the state. The MDE survey identifies the district (as a whole) as offering one fewer sport for girls. The Anoka High report shows 14 boys sports and 12 girls. A detailed listing from the League also shows Anoka High registered for 14 boys and 12 girls sports, but a separate tabulation from the League shows 11 girls sports.

The differences in offerings are football and volleyball in the fall, baseball and softball in the spring, and hockey and wrestling as extra offerings for boys in the winter.

Anoka spends more per participant on boys than on girls, but this is because of hockey. Leaving out hockey, Anoka spends more per girl participant. Total participation is 628 boys and 351 girls, with unduplicated participation of 404 boys and 239 girls. The ratio of total participation to unduplicated participation is

1.55 for boys, 1.47 for girls.

The League shows Fosston to offer 8 boys and 5 girls sports. The MDE data base shows Fosston to offer 3 boys and 2 girls sports. The Fosston report form shows 6 boys and 5 girls sports. The Fosston report shows boys and girls swimming being incorrectly reported on the same lineof the report. The computer program that enters the data does not recognize data coded this way, and the Fosston swimming program is omitted from the data base. Volleyball, wrestling, and girls and boys track are also missing from the data base, possibly due to uncorrected coding errors. The MDE survey shows Fosston in the category of districts offering one fewer sport for girls.

The League data shows Fosston offering girls cross country running, which the Fosston report does not show, but does not show girls swimming. The Fosston report shows swimming as "coed," raising the issue of whether the girls swimming program is actually interscholastic competition. The league shows Fosston to offer two additional boys sports not reported on the report form: cross country running and hockey. All of the additional sports are offered in conjunction with other school districts, and, thus, may not be offered "within" the district.

Fosston reports 214 boys and 159 girls participating in total. Fosston reports these same figures as their unduplicated count. Leaving out coed swimming, Fosston reports spending $25,095 on boys sports (excluding coaches salaries), and $13,561 on girls, $124 per boy participant and $89 per girl. Fosston also reports significantly more coaches per boy participant than per girl, most notably in basketball and golf.

This review of a sample of districts illustrates most of the data problems and theoretical questions that now exist in the evaluation of sports equity in interscholastic programs in Minnesota.

In view of these problems it is understandable that the MDE survey focused on offerings as an initial attempt at an overview of the level of equity that may exist. This review has identified as major areas of concern the offering of wrestling and hockey for boys without comparable offerings for girls, seasonal imbalance of offerings, districts offering baseball without a comparable offering for girls (and to a lessor degree a concern about whether softball offerings for girls are comparable to baseball for boys).

III. COMPARISON OF PARTICIPATION DATA

Participation data is in two forms: by sport and by student. Participation by sport is called total participation, double or triple counting students who participate in more than one sport. Participation by student is called unduplicated participation and includes any student who participated in at least one sport.

The ratio of total to unduplicated participation is the average number of sports played by each student who participates. Participation ratios can be computed for total and unduplicated participation.

Many schools do not accurately report unduplicated participation, and the MDE has not edited and required correction of even obviously erroneous reporting. If every student participated in interscholastic sports the unduplicated participation ratio would be 100%, the highest possible true ratio. The data base for 1989-90 contains 37 districts for which the ratio exceeds 100%. In many other districts at least one school equals 100% in its reported data, apparently reporting total participation as unduplicated and making the district ratio inaccurate. The most common errors appear to be reporting total (duplicated) participation on the line for unduplicated participation, and including cooperative students from other districts in the participation counts.

The unduplicated participation ratios for girls and for boys, and the ratio of total to unduplicated participation would be useful in analyzing the equity of sports offerings. Enrollment data by gender is available through the civil rights reporting required of each school in the fall of each year. Unfortunately the reported athletic data has not been good enough to support this analysis for all districts. On a school by school basis or for selected districts which pass some edit controls the athletic data can provide useful information.

Total participation would also be a useful parameter for judging program equity. However, errors and omissions in the available data has made comparisons of total participation misleading. The most common error results when schools report a sport offered for both boys and girls on the same line of the report form. The existing MDE software will recognize, but not correct data coded in this way. For 1989-90 the data base for 120 districts contained data identified as containing this error.

The major omission affecting participation numbers is students who participate outside the district, such as in combined programs.

District by district inspection of the athletic reports reveled numerous other errors which are discussed in section VI, below.

For purposes of this report the 1989-90 participation reports were edited and the data base was corrected for identifiable errors. It was not feasible to contact individual districts for corrections. One reason for this is that the athletic reports are not generally filled out by central office personnel.

The edited data base is listed in Appendix B.

The listing in Appendix B still contains any errors made at the district level and some errors that may not have been caught in the edit. It is, however far more accurate than the unedited data previously available.

Appendix B lists by district male and female secondary enrollment (MSEC90 and FSEC90), edited male and female unduplicated participation (UNDUPM and UNDUPF), edited female and male total participation (TOT90F and TOT90M), and the number of separate reports filed by each district (REPORTS). (Districts are required to report by building.)

Male and female participation rates have been calculated from the edited data for both unduplicated and total participation. The participation rates are then compared for males and females. (It is necessary to compare participation counts to secondary enrollments because gender ratios vary among the districts, with the state total male secondary enrollment 5.3% greater than female enrollment.)

The participation rates and comparisons are displayed by district in district number order in Appendix C.

In Appendix C the variable MRATE1 is male unduplicated participation per male secondary enrollment. It is the percentage of secondary males who participate in at least one interscholastic sport. FRATE1 is the comparable variable for females.

COMP1 is the ratio of unduplicated male participation as a percentage of enrollment to unduplicated female participation as a percentage of enrollment. If COMP1 is equal to 1, male and female participation rates are equal. If COMP1 is greater than 1, male participation is correspondingly greater than female. If COMP1 is equal to 0 it means there is data missing. As discussed later, many districts have errors in this series of data. Some of these errors are controlled for in the analysis displayed in Appendix D, discussed below.

The series of variables MRATE2, FRATE2 and COMP2 in Appendix C analyze total participation in the same manner as the first series analyses unduplicated participation. After editing, this series of data is reliable for a greater portion of the districts than is the unduplicated data. COMP2 compares total interscholastic sports participation of male and female secondary students. Values of COMP2 greater than 1 indicate greater total participation by males than by females.

Appendix D is a listing of 218 districts by comparison of the unduplicated participation ratios (COMP1), with the districts with the highest male/female comparison ratios first. The 218 districts include only those districts meeting certain editing criteria. Districts that did not report unduplicated counts, or reported unduplicated counts equal to or greater than their total participation, or reported unduplicated participation greater than their enrollment, or reported their average student participating in more than two sports were eliminated as reporting unreliable data.

Appendix D can be used as one indication of interscholastic sport equity, but should not be viewed as conclusive. There are still reporting problems in the listing, and no single parameter will ever be sufficient in determining sports equity. For some of the problems it is instructive to look at Storden-Jeffers, I.S.D. #178, which ranks seventh from the top of the Appendix D listing.

The Storden-Jeffers COMP1 comparison is 1.558, indicating that the unduplicated participation rate for boys in the district is about 56% higher than for girls in the district. However, the COMP2 total participation comparison is shown to be .884 for the district, indicating that there is greater total participation for girls than for boys. The answer to this seeming contradiction is the fact that Storden-Jeffers is providing football, cross-country, wrestling, and track through cooperation with other districts and has not reported total participation in those sports. (This is a reporting problem that will be corrected for the 1991-92 school year as discussed in section VI, below.)

The listing in Appendix D indicates that Storden-Jeffers data problem occurs for several other districts in that listing. For Storden-Jeffers the unduplicated comparison appears to give the best indication of the actual situation in the district, but more information from the district would be required to reach a conclusion.

Appendix E is a ranking of the districts by the edited total participation comparison (COMP2). It includes all reporting districts except Goodrich, I.S.D. #561. (Goodrich is another district which cooperates with other districts in offering interscholastic sports. Goodrich has only reported boys basketball to the State Department while actually offering 4 girls and 4 boys sports through cooperation.)

Smaller districts tend to have reporting problems due to cooperative programs. The variable SEC90 in Appendix E lists the total secondary enrollment for each district. Anomalous data for districts with under 300 secondary pupils is likely to result from failure to report pupils participating outside the district.

For example, Mountain Iron-Buhl, I.S.D. #173, is the district with the highest total participation comparison (COMP2 equal 2.735, indicating much more male participation tnan female), but the unduplicated participation is more comparable (COMP1 equal 1.272). This data could mean more boys are participating and the boys who participate do so in significantly more sports. However, High

School League data shows Mountain Iron-Buhl to be cooperating with two other high schools to provide 8 boys and 8 girls sports. The Mountain Iron-Buhl State Department report lists only 5 boys and 3 girls sports. It may be that Mountain Iron-Buhl is under-reporting its participation in the cooperative sports, or it could mean that it registered for more cooperative sports than its pupils actually participated in. This example illustrates the importance of the reporting changes recommended to be adopted for 1991-92.

Notwithstanding the possible data problems, Appendix E provides another basis for identifying possible inequities in interscholastic sports offerings. It would be appropriate to inquire further about the districts at the top of this list.

The second district on the Appendix E list is Finlayson, I.S.D. #570, a very small district with only 117 secondary pupils. It does not appear on the High School League listing. Finlayson reports 2 boys and 1 girls interscholastic sports. Finlayson also reports an intramural girls softball team. Further inquiry may indicate whether or not Finlayson is a candidate for compliance monitoring.

The third district is Roseau, I.S.D. #682. The Roseau report appears accurate and matches with the High School League data. Roseau has significantly higher male participation by both total and unduplicated comparisons. Roseau offers 8 boys sports, but only 6 girls sports. The disparity is especially great in the winter when Roseau offers 3 boys sports, basketball, hockey and wrestling, but only 1 girls sport, basketball. In the spring

Roseau offers baseball, but not softball. Roseau offers 3 boys team contact sports, football, hockey and basketball, but only 1 for girls: basketball. Roseau offers boys an individual contact sport, wrestling, but offers none for girls. Roseau would appear to be indicated for compliance monitoring.

Continuing to examine the athletic report data in Appendix E for the next several districts further illustrates the use of this data for monitoring. The fourth district on the list, Big Lake, I.S.D. 727, appears from its athletic report to have miss-reported its girls softball program and is actually offering 6 boys and 6 girls sports with more acceptable actual participation ratios than listed. The fifth district is Strandquist, I.S.D. 444, a tiny district which has since consolidated with Karlstad. Strandquist appears to have offered 4 boys and 3 girls sports through inter-district cooperation. Further inquiry might be in order if Stranquist had not consolidated.

Rochester, I.S.D. #535, the sixth district on the list is another candidate for further inquiry. Its ratio of boys to girls total participation (COMP2) is equal to 2.190, and inspection of Rochester's sports offerings indicates that lack of equivalent offerings for girls may be responsible.

Rochester provides 11 sports for boys, 10 sports for girls. The girls sports are offered 5 in the fall, 2 in the winter, and 3 in the spring. The boys sports are 3 in the fall, 4 in the winter, and 4 in the spring. Rochester offers wrestling for boys, but no individual contact sport for girls. For team contact sports

Rochester offers basketball and soccer for boys and for girls, but also offers football and hockey for boys.

Rochester is a large district with two high schools and three junior high schools reporting. At the junior high school level participation is fairly equal, with total participation by girls at a slightly higher ratio of enrollment. At the high school level both total and unduplicated participation is significantly higher for boys.

High school total participation by season is especially revealing. Boys total participation is 276 in the fall, 280 in the winter, and 251 in the spring. Girls total participation is 310 in the fall, 99 in the winter, and 181 in the spring. These figures indicate that it is the sports offerings rather than demand that is causing the disparities in participation between boys and girls athletics in Rochester.

Evaluation of each district is beyond the scope of this report. The intention here is to show how the data can be used for compliance monitoring. The procedures will become easier in the future as data collection improves. The 1990-91 athletic data should also be looked at in conjunction with the data provided here for purposes of evaluating individual districts.

Appendices F and G provide further analysis of the participation data that may be directed toward data editing or compliance evaluation.

Appendix F lists the districts in order of their female total participation rates (FRATE2). This listing is useful in identifying possible anomalies in the data reporting, such as districts reporting too many or too few participants because of cooperative programs. Candidates for compliance monitoring may also be identified, such as districts with low female participation (at the bottom of the list) which also have significantly higher male participation (COMP2 significantly high).

It is also of interest to note the highly negative correlation between size of the district (SEC90) and the participation rates. Most of the districts at the top of the list (high female participation) are small, while the large districts are found at the bottom of the list.

Appendices G1 and G2 display some additional variables. SPXM and SPXF are the ratios of total to unduplicated participation for males and females, respectively. SPXDIFF is the difference in the ratios for males and for females. For most districts SPXM is greater than SPXF and SPXDIFF is positive. SPXF and SPXM equal 1 if the district has reported its unduplicated counts equal to its total counts, and SPXDIFF will be zero. If SPXDIFF is negative it indicates that the average number of sports per female participant is actually greater than the number for boys.

Appendix G1 lists the districts in order of the size of SPXDIFF, with the districts with the greatest difference in favor of males first. Appendix G2 lists the same data in district number order.

SPXM and SPXF show the average number of sports played by each student who participates in at least one sport. For example, a value of 1.5 for the variable SPXM indicates that boys who play sports in the district average 1.5 sports each. If the female participants in the district averaged 1.2 sports each, SPXDIFF would be 0.3.

If the average number of sports is significantly greater for boys than for girls it may indicate a deficiency in offerings for girls. The data in this listing is also useful in identifying reporting anomalies. It is unlikely that many pupils would participate in more than one sport per season, or three sports per year. SPXM and SPXF ratios near or above 3 are likely to indicate reporting errors. This variable is one of the criteria used to eliminate questionable reporting from the listing in Appendix D.

For evaluating district outcomes it is useful to compare individual districts to state averages. A question arises as to which districts should be included in the averages. For unduplicated counts those districts with identified reporting problems should be eliminated. Investigation of the edited data set shows that participation rates vary inversely with the size of the district. This effect also shows up if Region 11 (the metro area) and the rest of the state are run separately. Also, districts filing multiple reports have lower participation rates than those filing only one report.

The edited data set indicates that unduplicated male participation averages about 60% unweighted (about 48% weighted by district size), and that female unduplicated participation averages about 52% unweighted (about 41% weighted by district size).

(Unweighted averages are the simple average across the districts. Weighted averages consider the sizes of the districts, giving more weight to districts with greater secondary enrollment. One way of looking at the difference between weighted and unweighted is to consider unweighted figures to tell how the average district is doing, and weighted averages to tell how the average pupil is doing. The data sets used for weighted and unweighted unduplicated counts differ somewhat in editing criteria and so are not completely comparable.)

Total male participation averages about 114% unweighted, 80% weighted; total female participation averages about 93% unweighted, 64% weighted.

Comparing unweighted participation rates for large districts (secondary enrollment 1000 or more) and small districts (secondary enrollment under 1000) yields the following:

	unduplicated		total	
	male	female	male	female
large districts	48%	41%	75%	58%
small districts	62%	55%	123%	101%

For comparison of program equity within districts the comparison variables COMP1 and COMP2 are most important. The averages of these variables do not fluctuate as much among different groups of districts as do the participation rates. The average value for COMP1 for districts with good data is about 1.20 with a standard deviation of about 0.2. The average values for

COMP2 are about 1.31 for large districts (1000 or greater secondary enrollment) and 1.26 for smaller districts. The standard deviation for larger districts is about 0.22, and it is about 0.31 for smaller districts. Districts that are more than one standard deviation above the mean may be candidates for further analysis, and two or more standard deviations above the mean may call for particular attention.

Taken as a whole, the data listed in the Appendices can be examined for evidence on the question of whether demand for girls sports is the controlling factor where fewer sports are offered to girls. If the data is accurate, it shows that in many districts girls who participate participate in more sports than do the boys who participate. The data also show many districts where unduplicated or total participation rates are higher for girls than for boys. If these results occur in a significant number of districts, then lower participation by girls in individual districts with unequal sports offerings is more likely to indicate a failure to provide opportunity than a failure of demand.

IV. COMPARISON OF FINANCIAL DATA

Several problems exist for the use of financial data in the evaluation of gender equity. The UFARS reporting system does not break down the financial data by sport or gender. Instead, a supplemental reporting system using the Athletic Activities Report is used. The instructions for this report request, "information . . . from general school funds." Some districts have interpreted this instruction to exclude capital fund expenditures, and possibly transportation fund expenditures. The instructions also provide for prorating expenses among teams where items of expense are not kept separately. The proration is to be by numbers of participants. (See Appendix A for the instructions.)

Districts do not necessarily keep accurate separate accounting by girls and boys sports, and a proration method is often used to allocate expenditures among the various sports. Financial data based on proration by number of participants will not provide information about equity because the proration method assumes equal spending per participant.

Some other financial reporting practices that could distort district comparisons should also be noted. The expenditure data excludes coaches salaries, relying instead on a separate evaluation of coaches by headcount. This reporting method could be useful, especially in light of the possibility of volunteer coaches, but could also mask differences in expenditure. Districts may also differ in their allocation of overhead expenses to sports.

The summary table in Appendix H shows State totals as reported by the districts for teams, coaches, participants and expenditures for 1998-90 from the MDE data base. The summary shows $11,848,433 and 9,053 coaches for boys sports, and $7,383,433 and 7,078 coaches for girls sports. The reported per pupil expenditure average $95 for boys and $79 for girls. Pupils per coach average 13.8 for boys and 13.2 for girls.

In general, expenditures per participant appear to be affected by economies of scale with the greater expenditures per pupil showing up in sports where participation is lower. This factor should be considered when comparisons are made between girls and boys offerings of the same sports. Where it is clear from the data that the financial reporting is not the result of proration, the expenditure data can be useful in assessing equity for sports offered both to girls and to boys. Useful information could also result from comparing district spending on specific sports to the state averages for those sports.

While it is important to look at individual district financial data when making individual compliance evaluations, unless the financial reporting methods are improved this data must be regarded with caution.

V. CONCLUSIONS CONCERNING GENDER EQUITY

The data discussed in this review contains many problem areas. It is perilous to list individual districts in order of fair to unfair by any of the available criteria without more detailed inquiry along the lines discussed in previous sections. State totals are also subject to various errors, but there is no clearly identified bias in the totals to preclude looking to them for useful information on which to compare boys sports programs to girls sports programs.

If the available data were presented in two groups without gender identification, it would be clear that the two groups were not equal. The issue of demonstrated interest or demand by gender is a difficult one. The American Association of University Women report, How Schools Shortchange Girls, concluded that, "Obviously, gender socialization has a profound effect on how girls perceive themselves in relation to sports." (Page 45.)

It does not appear from the available data in Minnesota that gender differences in demand for athletic opportunities can explain the observed differences in sports offerings. Even to the extent that expressed demand does account for some differences, the responsibility may lie with the gender socialization occurring in the schools.

Evaluation of gender equity must go beyond counting the number of teams. Opportunities differ both in kind and in quantity in different sports. Adding danceline as a sport may help meet demonstrated demand and compensate for fewer opportunities in volleyball as compared to football, but to equate danceline to wrestling or hockey misses important distinctions and would be a step away from providing equal opportunity.

Some progress has been made in providing opportunities in girls athletics. The amount of progress may be distracting us from an awareness of the distance yet to go before equal opportunity is achieved.

VI. IMPROVING DATA COLLECTION AND ANALYSIS BY THE DEPARTMENT

This project has generated discussion and evaluation within the Department of Education. Meetings held this fall and winter have helped clarify responsibilities for data production and enforcement activities. Good data production can occur if there is a user for the data, but where data is not used good economy requires less effort be devoted to data production. Similarly, the availability of good data will generate activity based on that data, while unavailability of good data discourages efforts based on that data.

It is necessary to break the cycle of bad data and no user. Now that the issue has been raised, the goal is steady progress in both improving the data collection and in the efforts to enforce and monitor athletic equity.

The 1990-91 Athletic Activities reports have already been submitted by the districts, so the changes that can usefully be made for that data set are limited. The data collection staff has agreed that more attention will be paid to editing the 1990-91 data. In particular, the participation data will be edited in a similar manner to the editing done on the 1989-90 data for this report. This report should serve as a guide for that editing. The editing will require that each Athletic Activities Report form be inspected for correctable errors and the participation data entered correctly into the computer system. The computer programming must allow for use of all the participation data, even in cases where the financial data cannot be used.

The data section is also capable of providing the kinds of analysis of the 1990-91 data that was done for this report for the 1989-90 data if the enforcement section so desires. Again, this report can serve as a guide or as suggestions and recommendations to Department staff.

For the 1991-92 reports the Department can make a number of changes that do not require changes in State Board rules. These changes have been discussed within the Department and agreements have been made to proceed with the changes. The three most important changes are: 1) to separate the report forms into male and female athletic reports so as to eliminate many common reporting errors (some districts already do this because it makes reporting easier and clearer); 2) require the districts to report participation for (only) their attending pupils regardless of whether their participation is within the district or through cooperation with another district; and 3) have the forms submitted by the superintendent so that there is someone with authority and responsibility to call in case of editing problems.

In addition, the instructions to the Athletic Activities Report forms will be clarified to eliminate the confusion over the reporting of "general" expenditures. Districts will be required to report all sports expenditure, including expenditures on such things as equipment and ice arena leases some districts pay out of capital funds.

The definition of interscholastic sports will be clarified to eliminate irregularities in the reporting of interscholastic sports at the junior high school level. Requests to districts for corrections of errors will be signed by the manager of monitoring and compliance if necessary. The catch-all category for reporting "other" sports will be dropped from the report form; all sports must be identified.

The Department is required by State Board rules to collect intramural sports data. It is not necessary to enter or process this data on the computer as is done now. Needless effort can be saved by concentrating on interscholastic data at this time.

The Department will also work toward making the athletic data stored on the mainframe computer available to the user for monitoring and analysis through existing user-friendly software programs rather than requiring separate programming requests as at present.

Longer term goals include the following proposals. The financial data will not be adequate for monitoring sports equity unless the districts keep separate accounts by sport and gender (i.e., not just by "basketball," but by boys basketball and girls basketball. This would require changes in the uniform accounting system (UFARS). The uniform accounting procedures are undergoing a process of simplification, and this change, adding fields, might seem contrary. However, since athletic accounting by sport and by gender is required for the Athletic Activities Reports, it would actually be a simplification to do this accounting through UFARS. This change would also solve a problem of the financial data not being available at the due date for the athletic reports.

The result of this change would be to get the financial data from the uniform accounting reports rather that the athletic report form. The Department will bring this proposal to the UFARS council.

State Board rules require that intramural and interscholastic athletic data be reported to the Department by school building. It is suggested that consideration be given to elimination of the intramural and the building by building requirement. Intramural compliance can be shifted to the Assurance of Compliance form. The building by building data may not be necessary for compliance monitoring at the state level. It may be sufficient if the district retained the building by building data and submitted a district Athletic Activities Report from the superintendent.

State Board rules require that the Department be responsible for collecting private school data and assuring compliance in the private schools. Forms need to be sent to the private schools and the superintendents' responsibilities for reporting need to be clarified. It is recommended that the private schools submit separate reports to the Department rather than going through the district.

State Board rules require biennial determination of student interest in sports offerings, but require schools to report only the method used for the determination to the Department. Few schools have complied with the reporting requirement. Cases that have been reported show the districts use methods that may be discriminatory, using separate forms for boys and for girls. It may be preferable for the State to determine a method and a form to be used to determine interest. At a minimum, some guidelines should be provided to the districts. The purpose of the determination of interest should be to discover whether the district is meeting the interest of the pupils in various kinds of sports activities such as team and individual sports, contact and non-contact sports, and winter versus spring and fall activities.

Consideration should also be given to the amount of data that should be required from the districts. Too much data may not be useful and can interfere with compliance efforts if monitoring resources are scarce. For example, data on the number of weeks a sport is offered may not be useful; even data on the number of coaches and number of teams is not useful if it is not used. Compliance efforts focusing on participation by gender, number and kind of sports by season, and expenditures may be more than sufficient to identify possible problem districts. Compliance efforts directed at possible problem districts could request or allow the provision of additional data.

VII. CHANGES IN STATUTE AND STATE BOARD RULE THAT COULD MAKE A DIFFERENCE

Many issues that can affect sports equity have been discussed in the sections above. Improving the data collection along the lines that have been discussed, leading to better compliance monitoring will make a difference. This process has already begun and can be expected to continue, especially if the legislature and the public maintain their interest in sports equity. With enough support the symbiosis between data collection and monitoring will generate continuing improvement.

One rule change which should be considered is further clarification of the term "sport." The possible addition of danceline as a competitive activity is indicative of the importance of this question. Danceline is controversial because of the possibility that danceline will be counted as a sport coupled with the belief that equity is a simple matter of offering the same number of sports for boys and girls. If danceline is a sport, and is added to balance, e.g., football as an offering, a serious question remains about whether the opportunity to compete is comparable.

Furthermore, careful consideration should be given to identifying and defining the goal of sports equity. Arguably, there should be equity in team sports, individual sports, contact sports and non-contact sports. The danceline issue provides an opportunity to do this in a factual rather than abstract setting. There is a growing concern about gender equity in schools in general, not just in the area of sports. The recent report by the American Association of American Women, which identifies bias against girls in schools as leading to problems of low self-esteem, sexual harassment and increasing underachievement in science and math, is one example of this concern.

If we do no more than count sports, redefining danceline as a sport would be a step backward. If compliance means more, then danceline as a sport could be a step forward, providing more competition and fitness, while still allowing girls to demand an individual contact sport if one is made available to boys.

Another area where the State could make a difference is in actively fostering the improvement of sports offerings for girls. It is not easy for the districts to improve their offerings. Let us consider the most glaring inequity identified in this report: the winter season imbalance in sports offerings.

Neither the schools nor the High School League offer an individual contact sport for girls. There would seem to be a potential demand for such an activity, and such offerings are common in Japan and perhaps elsewhere. However, in Minnesota there is no program and few trained coaches available. There is a lot of discussion about self defense for women, and many women engage in some form of self defense training outside of school. The only way such a program will get started in the schools is if the State takes the lead and makes some investment. Individual schools cannot do it as effectively. Part of the appeal of danceline is that it is simple compared to judo or hockey, and the necessary facilities and equipment and coaches are available.

Sports equity will not be achieved unless the State actively takes it on as its responsibility. There are many additional sports that could be beneficial for girls, but there needs to be central direction and decision-making if any of them are to become widely available.

Finally, the State Board rules on school district surveys of student interest need to be tightened and clarified. An unbiased method of surveying should be mandated and the results should be reported.

BIBLIOGRAPHY

1. Equal Protection Scrutiny of High School Athletics, Kentucky Law Journal, Vol. 72, 1983-84.

2. Equality in Sport for Women, Patricia L. Geadelmann, Christine Grant, Yvonne Slatton and N. Peggy Burke, Aahper, Washington D. C., 1977.

3. Gender-Based Discrimination in High School Athletics, James V. Hetzel, Seton Hall Legislative Journal, Vol. 10, 1987.

4. How Schools Shortchange Girls, American Association of University Women, Washington, D.C., 1992.

5. Interscholastic Athletic Opportunities in Minnesota School Districts Examined by Gender, Sue Sattel, Equal Educational Opportunities Section, Minnesota Department of Education, July, 1991.

6. Opportunity and Discrimination in Interscholastic Athletics in Minnesota Public School Districts, Char Myers and Ruth Anne Olson, Dimensions, Inc., Minnesota Department of Education, October, 1977.

7. Sex Discrimination in High School Athletics: An Examination of Applicable Legal Doctrines, Minnesota Law Review, Vol.66, 1982.

8. What's the Score in Minnesota?, A Summary Report on the Monitoring Project of the League of Women Voters, Elizabeth Abbott and Jeannette Kahlenberg, League of Women Voters, St. Paul, MN, October, 1979.

INDEX OF VARIABLES CONTAINED IN APPENDICES

All data is for the 1989-90 school year.

Variables are listed in the order they appear in the Appendices.

NAME1	district name
DNUM1	district number
MSEC90	male secondary enrollment
FSEC90	female secondary enrollment
UNDUPM	male unduplicated interscholastic athletic participation
UNDUPF	female unduplicated interscholastic athletic participation
TOT90F	female total interscholastic athletic participation
TOT90M	male total interscholastic athletic participation
REPORTS	number of school buildings submitting athletic reports
MRATE1	UNDUPM divided by MSEC90
FRATE1	UNDUPF divided by FSEC90
COMP1	MRATE1 divided by FRATE1: unduplicated comparison
MRATE2	TOT90M divided by MSEC90
FRATE2	TOT90F divided by FSEC90
COMP2	MRATE2 divided by FRATE2: comparison of total participation
SEC90	the sum of MSEC90 and FSEC90: total secondary enrollment
SPXM	TOT90M divided by UNDUPM
SPXF	TOT90F divided by UNDUPF
SPXDIFF	SPXM minus SPXF

District Name	Number	Region
Ada	521	1
Adrian	511	8
Aitkin	001	3
Akeley	301	2
Albany	745	7W
Albert Lea	241	10
Alden	242	10
Alexandria	206	4
Alvarado	436	1
Amboy-Good Thunder	079	9
Annandale	876	7W
Anoka-Hennepin	011	11
Appleton	784	6W
Argyle	437	1
Arlington	731	9
Ashby	261	4
Askov	566	7E
Atwater	341	6E
Audubon	021	4
Aurora-Hoyt Lakes	691	3
Austin	492	10
Babbitt	692	3
Backus	114	5
Badger	676	1
Bagley	162	2
Balaton	411	8
Barnesville	146	4
Barnum	091	3
Barrett	262	4
Battle Lake	542	4
Beardsley	057	6W
Becker	726	7W
Belgrade-Elrosa	736	7W
Belle Plaine	716	11
Bellingham	371	6W
Belview	631	8
Bemidji	031	2

District Name	Number	Region
Benson	777	6W
Bertha-Hewitt	786	5
Big Lake	727	7W
Bird Island	646	6E
Biwabik	693	3
Blackduck	032	2
Blooming Prairie	756	10
Bloomington	271	11
Blue Earth	240	9
Borup	522	1
Braham	314	7E
Brainerd	181	5
Brandon	207	4
Breckenridge	846	4
Brewster	513	8
Bricelyn	217	9
Brooklyn Center	286	11
Brooten	737	7W
Browerville	787	5
Browns Valley	801	4
Brownton	421	6E
Buffalo	877	7W
Buffalo Lake	647	6E
Burnsville	191	11
Butterfield	836	9
Byron	531	10
Caledonia	299	10
Cambridge-Isanti	911	7E
Campbell-Tintah	852	4
Canby	891	6W
Cannon Falls	252	10
Carlton	093	3
Cass Lake	115	5
Centennial	012	11
Ceylon	451	9
Chandler-Lake Wilson	918	8
Chaska	112	11

District Name	Number	Region
Chatfield	227	10
Chisago Lakes	141	7E
Chisholm	695	3
Chokio-Alberta	771	4
Clara City	126	6W
Claremont	201	10
Clarissa	789	5
Clarkfield	892	6W
Clearbrook	161	2
Cleveland	391	9
Climax	592	1
Clinton	058	6W
Cloquet	094	3
Cold Spring	750	7W
Coleraine	316	3
Columbia Heights	013	11
Comfrey	081	9
Cook County	166	3
Cosmos	461	6E
Cottonwood	412	8
Cromwell	095	3
Crookston	593	1
Crosby-Ironton	182	5
Cyrus	611	4
Danube	648	6E
Dassel-Cokato	466	6E
Dawson	378	6W
Deer Creek	543	4
Deer River	317	3
Delano	879	7W
Delavan	218	9
Detroit Lakes	022	4
Dilworth	147	4
Dodge Center	202	10
Dover-Eyota	533	10
Duluth	709	3

District Name	Number	Region
Eagle Bend	790	5
East Chain	453	9
East Grand Forks	595	1
Echo	893	6W
Eden Prairie	272	11
Eden Valley-Watkins	463	6E
Edgerton	581	8
Edina	273	11
Elbow Lake	263	4
Elgin-Millville	806	10
Elk River	728	7W
Ellendale-Geneva	762	10
Ellsworth	514	8
Elmore	219	9
Ely	696	3
Emmons	243	10
Erskine	597	1
Esko	099	3
Evansville	208	4
Eveleth	697	3
Fairfax	649	6E
Fairmont	454	9
Faribault	656	10
Farmington	192	11
Fergus Falls	544	4
Fertile-Beltrami	599	1
Finlayson	570	7E
Fisher	600	1
Floodwood	698	3
Foley	051	7W
Forest Lake	831	11
Fosston	601	1
Franconia	c323	7E
Franklin	650	6E
Frazee-Vergas	023	4
Freeborn	244	10
Fridley	014	11

District Name	Number	Region
Fulda	505	8
Garden City	078	9
Gary	523	1
Gaylord	732	9
Gibbon	733	9
Gilbert	699	3
Glencoe	422	6E
Glenville	245	10
Glenwood	612	4
Glyndon-Felton	145	4
Gonvick	158	2
Goodhue	253	10
Goodridge	561	1
Graceville	060	6W
Granada-Huntley	460	9
Grand Meadow	495	10
Grand Rapids	318	3
Granite Falls	894	6W
Greenbush	678	1
Grey Eagle	791	5
Grove City	464	6E
Grygla-Gatzke	447	1
Hallock	351	1
Halstad	524	1
Hancock	768	4
Harmony	228	10
Hastings	200	11
Hawley	150	4
Hayfield	203	10
Hector	651	6E
Henderson	734	9
Hendricks	402	8
Hendrum	525	1
Henning	545	4
Herman-Norcross	264	4
Hermantown	700	3

District Name	Number	Region
Heron Lake-Okabena	330	8
Hibbing	701	3
Hill City	002	3
Hills-Beaver Creek	671	8
Hinckley	573	7E
Hoffman	265	4
Holdingford	738	7W
Hopkins-Golden Valley	270	11
Houston	294	10
Howard Lake	880	7W
Humboldt	352	1
Hutchinson	423	6E
International Falls	361	3
Inver Grove	199	11
Isle	473	7E
Ivanhoe	403	8
Jackson	324	8
Janesville	830	9
Jasper	582	8
Jordan	717	11
Karlstad	353	1
Kasson-Mantorville	204	10
Kelliher	036	2
Kennedy	354	1
Kensington	209	4
Kenyon	254	10
Kerkhoven-Murdock-Sunburg	775	6W
Kiester-Walters	222	9
Kimball	739	7W
LaCrescent	300	10
Lake Benton	404	8
Lake City	813	10
Lake Crystal	070	9
Lake of the Woods	390	2

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District Name	Number	Region
Lake Park	024	4
Lake Superior	381	3
Lakefield	325	8
Lakeville	194	11
Lamberton	633	8
Lancaster	356	1
Lanesboro	229	10
Laporte	306	2
Le Center	392	9
LeRoy-Ostrander	499	10
Lester Prairie	424	6E
Le Sueur	393	9
Lewiston	857	10
Litchfield	465	6E
Little Falls	482	5
Littlefork-Big Falls	362	3
Long Prairie	792	5
Luverne	670	8
Lyle	497	10
Lynd	415	8
Mabel-Canton	238	10
Madelia	837	9
Madison	377	6W
Magnolia	669	8
Mahnomen	432	2
Mahtomedi	832	11
Mankato	077	9
Maple Lake	881	7W
Mapleton	072	9
Marietta-Nassau	376	6W
Marshall	413	8
Maynard	127	6W
Mazeppa	809	10
McGregor	004	3
McIntosh	603	1
Medford	763	10
Melrose	740	7W

District Name	Number	Region
Menahga	821	5
Mentor	604	1
Middle River	440	1
Milaca	912	7E
Milan	128	6W
Milroy	635	8
Minneapolis	sp1	11
Minneota	414	8
Minnesota Lake	223	9
Minnetonka	276	11
Montevideo	129	6W
Montgomery-Lonsdale	394	9
Monticello	882	7W
Moorhead	152	4
Moose Lake	097	3
Mora	332	7E
Morgan	636	8
Morris	769	4
Morristown	657	10
Morton	652	6E
Motley	483	5
Mounds View	621	11
Mountain Iron-Buhl	712	3
Mountain Lake	173	8
Nashwauk-Keewatin	319	3
Nett Lake	707	3
Nevis	308	2
New London-Spicer	345	6E
New Prague	721	11
New Richland-Hartland	827	9
New Ulm	088	9
New York Mills	553	4
Newfolden	441	1
Nicollet	507	9
North Branch	138	7E
North St. Paul-Maplewood	622	11
Northfield	659	10

District Name	Number	Region
Norwood-Young America	108	11
Ogilvie	333	7E
Oklee	627	1
Olivia	653	6E
Onamia	480	7E
Orono	278	11
Ortonville	062	6W
Osakis	213	4
Oslo	442	1
Osseo	279	11
Owatonna	761	10
Park Rapids	309	2
Parkers Prairie	547	4
Paynesville	741	7W
Pelican Rapids	548	4
Pequot Lakes	186	5
Perham	549	4
Peterson	232	10
Pierz	484	5
Pillager	116	5
Pine City	578	7E
Pine Island	255	10
Pine Point	025	2
Pine River	117	5
Pipestone	583	8
Plainview	810	10
Plummer	628	1
Preston-Fountain	233	10
Princeton	477	7E
Prinsburg	c815	6E
Prior Lake	719	11
Proctor	704	3
Randolph	195	11
Raymond	346	6E
Red Lake	038	2

District Name	Number	Region
Red Lake Falls	630	1
Red Wing	256	10
Redwood Falls	637	8
Remer	118	5
Renville	654	6E
Richfield	280	11
Robbinsdale	281	11
Rochester	535	10
Rockford	883	7W
Roseau	682	1
Rosemount-Apple Valley-Eagan	196	11
Roseville	623	11
Rothsay	850	4
Round Lake	516	8
Royalton	485	5
Rush City	139	7E
Rushford	234	10
Russell	418	8
Ruthton	584	8
Sacred Heart	655	6E
St. Anthony-New Brighton	282	11
St. Charles	858	10
St. Clair	075	9
St. Cloud	742	7W
St. Francis	015	11
St. James	840	9
St. Louis County	710	3
St. Louis Park	283	11
St. Michael-Albertville	885	7W
St. Paul	625	11
St. Peter	508	9
Sanborn	638	8
Sandstone	576	7E
Sartell	748	7W
Sauk Centre	743	7W
Sauk Rapids	047	7W
Sebeka	820	5
Shakopee	720	11
Sherburn	456	9
Silver Lake	425	6E
Sioux Valley	328	8
Slayton	504	8
Sleepy Eye	084	9
South Koochiching	363	3
South St. Paul	sp6	11
South Washington County	833	11
Southland	500	10
Spring Grove	297	10
Spring Lake Park	016	11
Spring Valley	237	10
Springfield	085	9
Staples	793	5
Starbuck	614	4
Stephen	443	1
Stewart	426	6E
Stewartville	534	10
Stillwater	834	11
Storden-Jeffers	178	8
Strandquist	444	1
Swanville	486	5
Taylors Falls	140	7E
Thief River Falls	564	1
Tower-Soudan	708	3
Tracy	417	8
Trimont	457	9
Truman	458	9
Twin Valley	526	1
Tyler	409	8
Ulen-Hitterdal	914	4
Underwood	550	4
Upsala	487	5
Verdi	408	8
Verndale	818	5
Villard	615	4
Virginia	706	3
Wabasha	811	10
Wabasso	640	8
Waconia	110	11
Wadena	819	5
Waldorf-Pemberton	913	9
Walker	119	5
Walnut Grove	641	8
Wanamingo	258	10
Warren	446	1
Warroad	690	1
Waseca	829	9
Watertown-Mayer	111	11
Waterville	395	9
Waubun	435	2
Wayzata	284	11
Welcome	459	9
Wells	224	9
West Concord	205	10
West St. Paul	197	11
Westbrook	175	8
Westonka	277	11
Wheaton	803	4
White Bear Lake	624	11
Willmar	347	6E
Willow River	577	7E
Windom	177	8
Winnebago	225	9
Winona	861	10
Winsted	427	6E
Winthrop	735	9
Wood Lake	896	6W
Worthington	518	8
Wrenshall	100	3
Wykoff	236	10
Zumbrota	260	10

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APPENDIX A

1989-90 Athletic Report Forms for Six Districts

A-2

APPENDIX A

JUN 27 1990

Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	**ATHLETIC ACTIVITIES REPORT**	ED-01536-06 DUE: JULY 1

GENERAL INFORMATION AND INSTRUCTIONS. This form is used to report athletic activities information as required by Minnesota Rules, Part 3535.3600. The information being collected is for the school year just ended. Return the completed report to the above address and retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Data." If this form does not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to the above address.

IDENTIFICATION Provide the identification information requested. If you have more than 7 athletic activities in any one term (but less than 15), report them on an additional copy of this form and number the forms "Page 1 of 2" and "Page 2 of 2". If additional forms are needed, number them accordingly.

District Name HILL CITY		District Number 2	Type 1
Name of Person Completing this Report Chery McNeil	Title Administrative Secretary	Telephone (Include Area Code) 218-697-2394	
School Name HILL CITY SEC.		School Number 3	PAGE 1 OF 1

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity starts. Use the activity names and codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of different (headcount, not F.T.E.) coaches providing instruction for each activity. Expenditure information should be determined from general school funds and should not include coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the teams according to the number of participants. NOTE: If a school is under a secondary school agreement, an inter-district agreement or a cooperative sponsorship; the school providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data" manual for more information.

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOTAL NUMBER OF COACHES	EXPENDITURES ROUNDED TO THE NEAREST WHOLE DOLLAR
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE				
FALL	01	Volleyball	271			20	14	1	2	3228
	02	Football	260		27		15	1	2	6062
	03									
	04									
	05									
	06									
WINTER	07	Basketball-Girls	255			~~20~~ 55	20	1	2	2732
	08	Basketball-Boys	255		19		20	1	2	3246
	09									
	10									
	11									
	12									
SPRING	13	Baseball	254		20		[illegible]	1	2	1560
	14	Softball	267			13	[illegible]	1	2	1335
	15									
	16									
	17									
	18									

UNDUPLICATED HEAD COUNT Report the unduplicated count by gender of participants in interscholastic and intramural activities. (This should not be a cumulative total of the participants reported on this form.) If multiple sheets of this form are used to report all activities, report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	INTRAMURAL PARTICIPATION
MALE PARTICIPANTS: [illegible] FEMALE PARTICIPANTS: 25	MALE PARTICIPANTS: FEMALE PARTICIPANTS:

VERIFICATION I hereby verify that the above information is true and correct to the best of my knowledge.

Darrell T. Nelson
Signature - Principal of School/Responsible Authority

6/22/90
Date

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Revised 10/23/90

Page 1 of 2

Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES REPORT	ED-01536-06 DUE: JULY 1

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as required by Minnesota Rules, Part 3535.3600. The information being collected is for the school year just ended. Return the completed report to the above address and retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Data." If this form does not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to the above address.

IDENTIFICATION Provide the identification information requested. If you have more than 7 athletic activities in any one term (but less than 15), report them on an additional copy of this form and number the forms "Page 1 of 2" and "Page 2 of 2". If additional forms are needed, number them accordingly.

District Name: COLUMBIA HEIGHTS
District Number: 13
Type: 1
Name of Person Completing this Report:
Title:
Telephone (Include Area Code):
School Name: COLUMBIA HEIGHTS SR.
School Number: 16
PAGE 1 OF 2

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity starts. Use the activity names and codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of different (headcount, not F.T.E.) coaches providing instruction for each activity. Expenditure information should be determined from general school funds and should not include coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the teams according to the number of participants. **NOTE:** If a school is under a secondary school agreement, an inter-district agreement or a cooperative sponsorship; the school providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data" manual for more information.

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOTAL NUMBER OF COACHES	EXPENDITURES ROUNDED TO THE NEAREST WHOLE DOLLAR
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE				
FALL	01	Football-M260	x60		100		16	3	7	18,749
	02	Volleyball-F271	x			42	13	3	3	9,374
	03	Tennis-F268	x		-	19	11	2	2	3,605
	04	Soccer-F266	x			21	11	1	2	4,867
	05	Soccer-M266	x		22		11	2	2	4,867
	06	Swimming-F251	x			30	14	2	2	5,588
WINTER	07	Hockey-M276	x		30		17	2	3	8,653
	08	Wrestling-M272	x		27		16	2	2	6,129
	09	Basketball-F255	x			33	19	3	3	8,653
	10	Basketball-M255	x		48		19	3	3	8,653
	11	Gymnastics-F263	x			19	15	2	3	5,588
	12	Swimming-M251	x		25		14	1	2	5,588
SPRING	13	Baseball-M254	x		46		14	3	3	6,850
	14	Softball-F267	x			40	14	3	3	6,850
	15	Track-M269	x		35		14	1	2	6,850
	16	Track-F269	x			30	14	1	2	6,850
	17	Golf-262	x		13		14	1	1	2,163
	18	Tennis-M268	x		23		11	2	2	3,605

UNDUPLICATED HEAD COUNT Report the unduplicated count by gender of participants in interscholastic and intramural activities. (This should not be a cumulative total of the participants reported on this form.) If multiple sheets of this form are used to report all activities, report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	INTRAMURAL PARTICIPATION
MALE PARTICIPANTS: 158 FEMALE PARTICIPANTS: 142	MALE PARTICIPANTS: _____ FEMALE PARTICIPANTS: _____

VERIFICATION I hereby verify that the above information is true and correct to the best of my knowledge.

Jane Liepold Goodell
Signature - Principal of School/Responsible Authority

10-31-90
Date

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Revised 10/23/90

Page 2 of

Minnesota Department of Education	District Data/Mgmt Info Section 737 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES REPORT

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as re Rules, Part 3535.3600. The information being collected is for the school year just ended. Return the comp above address and retain a copy for your files. For questions not covered below, refer to your manual Rights Data." If this form does not apply to your school, please complete the Identification portion, form and return it to the above address.

IDENTIFICATION

Provide the identification information requested. If you have more than 7 athletic one term (but less than 15), report them on an additional copy of this form and numb 1 of 2" and "Page 2 of 2". If additional forms are needed, number them accordingly.

District Name Columbia Heights		District Num 13
Name of Person Completing this Report	Title	Telephone
School Name Columbia Heights High School	School Number 16	PAGE

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which Use the activity names and codes on the reverse side to complete the first three columns. Report one co the number of different (headcount, not F.T.E.) coaches providing instruction for each activity. Exp should be determined from general school funds and should not include coaches salaries. When an item are not separated, the expense should be prorated to the teams according to the number of participants. is under a secondary school agreement, an inter-district agreement or a cooperative sponsorship; the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights D. information.

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOT NUME OF COAC
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE			
FALL	01	Cross Country (running) Coed 258	X		10		12	1	1
	02	Cross Country (running) Coed 259 258	X			7	12	1	1
	03								
	04								
	05								
	06								
WINTER	07	Skiing (Cross Country) Coed 373	X		15		14	1	1
	08	Skiing (Cross Country) Coed 373	X			15	14	1	1
	09								
	10								
	11								
	12								
SPRING	13								
	14								
	15								
	16								
	17								
	18								

UNDUPLICATED HEAD COUNT

Report the unduplicated count by gender of participants in interscholastic and int (This should not be a cumulative total of the participants reported on this form.) of this form are used to report all activities, report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	INTRAMURAL PARTICI
MALE PARTICIPANTS: _____ FEMALE PARTICIPANTS: _____	MALE PARTICIPANTS: _____ FEMALE

VERIFICATION

I hereby verify that the above information is true and correct to the best o

Jane Liepold Gordell 10-31-

Signature - Principal of School/Responsible Authority Date

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JUL.

Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES REPORT

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as required by Mi Part 3535.3600. The information being collected is for the school year just ended. Return the completed report to the abo retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Data." If this not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to the above a

IDENTIFICATION	Provide the identification information requested. If you have more than 7 athletic activities in any one te report them on an additional copy of this form and number the forms "**Page 1 of 2**" and "**Page 2 of 2**" If additional forms are needed, number them accordingly.

District Name: FRAZEE

District Number: 23

Name of Person Completing this Report: Dennis L. Anderson

Title: Activities Director

Telephone (: 218-3

School Name: FRAZEE SEC.

School Number: 20

PAGE

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity starts. Use th codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of **different** (r coaches providing instruction for each activity. Expenditure information should be determined from general school funds anc coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the teams accordir participants. **NOTE:** If a school is under a secondary school agreement, an inter-district agreement or a cooperative sponso providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data" manual for r

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS. REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOTAL NUMBE OF COAC
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE			
FALL	01	Football	260		104		12	5	
	02	Volleyball	271			81	12	5	
	03	Cross Country-Female	258			9	12	1	
	04	Cross Country-Male	258		14		12	1	
	05								
	06								
WINTER	07	Wrestling	272		61		16	3	
	08	Basketball-Female	255			37	19	5	
	09	Gymnastics-Female	263			14	15	2	
	10	Basketball-Male	255		64		19	6	
	11								
	12								
SPRING	13	Baseball	254		37		14	3	
	14	Softball	267			34	14	2	
	15	Golf-Male	262		18		14	1	
	16	Golf-Female	262			4	14	1	
	17	Track-Female	269			35	14	2	
	18	Track-Male	269		16		14	2	

UNDUPLICATED HEAD COUNT	Report the unduplicated count by gender of participants in interscholastic and intramural activities cumulative total of the participants reported on this form.) If multiple sheets of this form are used report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	INTRAMURAL PARTICIPA
MALE PARTICIPANTS: 149 FEMALE PARTICIPANTS: 124	MALE PARTICIPANTS: ______ FEMALE P

VERIFICATION

I hereby verify that the above information is true and correct to the best of my kno

58

James Lamont
Signature - Principal of School/Responsible Authority

7/
Date

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Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES RE

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as
Part 3535.3600. The information being collected is for the school year just ended. Return the completed re
retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rigr
not apply to your school, please complete the identification portion, indicate "NA" on the form and return i

IDENTIFICATION — Provide the identification information requested. If you have more than 7 athletic activitie
report them on an additional copy of this form and number the forms "Page 1 of 2" and
If additional forms are needed, number them accordingly.

District Name: BAGLEY

Name of Person Completing this Report: Gary Bratvold

Title: HS Principal

School Numb: 2

School Name: BAGLEY SEC.

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activi
codes on the reverse side to complete the first three columns. Report one code per line. Provide the number
coaches providing instruction for each activity. Expenditure information should be determined from general s
coaches salaries. When an item or items of expense are not separated, the expense should be prorated to th
participants. NOTE: If a school is under a secondary school agreement, an inter-district agreement or a coo
providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Da

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE	
FALL	01	Cross Country Male	258		9		
	02	Cross Country Female	258			12	
	03	Football	260		98		
	04	Volleyball	271			60	
	05						
	06						
WINTER	07	Basketball Male	255		51		
	08	Basketball Female	255			57	
	09	Hockey	276		17		
	10	Wrestling	272		32		
	11						
	12						
SPRING	13	Baseball	254		52		
	14	Golf Male Female	262 262		9	11	
	15	Tennis Male	268		1		
	16	Track & Field Male	269		35		
	17	Track & Field Female	269			49	
	18						

UNDUPLICATED HEAD COUNT — Report the unduplicated count by gender of participants in interscholastic and ir
cumulative total of the participants reported on this form.) If multiple sheets of
report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	INTRA
MALE PARTICIPANTS: 148 FEMALE PARTICIPANTS: 152	MALE PARTICIPANTS:

VERIFICATION — I hereby verify that the above information is true and correct to

GEBratvoel

Signature - Principal of School/Responsible Authority

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of

District Data
537 Capitol Square - 550 Cedar
St. Paul, MN 55101

ATHLETIC ACTIVITIES REPORT

NERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as required by Min Part 3535.3600. The information being collected is for the school year just ended. Return the completed report to the abov retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Data." If this not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to the above a

IDENTIFICATION

Provide the identification information requested. If you have more than 7 athletic activities in any one ter report them on an additional copy of this form and number the forms "Page 1 of 2" and "Page 2 of 2" If additional forms are needed, number them accordingly.

District Number: 11

District Name: ANOKA-HENNEPIN

Title: District Athletic Coordinator

Telephone: (612)

Name of Person Completing this Report: Matt Ellsworth

School Number: 1

PAGI

School Name: ANOKA SR.

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity starts. Use t codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of different coaches providing instruction for each activity. Expenditure information should be determined from general school funds ar coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the teams accorc participants. NOTE: If a school is under a secondary school agreement, an inter-district agreement or a cooperative spons providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data" manual for

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOT NUM C COA
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE			
FALL	01	Soccer	266			32	11	2	
	02	Swimming	~~257~~ 251			30	15	1	
	03	Cross Country Run	258			18	12	1	
	04	Tennis	268			31	11	2	
	05	Volleyball	271			37	14	3	
	06								
WINTER	07	Basketball	255			31	19	3	
	08	Gymnastics	263			15	15	2	
	09	Cross Country Ski	273			18	14	1	
	10	Slalom Ski	274			7	14	1	
	11								
	12								
SPRING	13	Softball	267			52	14	3	
	14	Track	269			60	14	2	
	15	Golf	262			20	14	1	
	16								
	17					351			
	18								

UNDUPLICATED HEAD COUNT

Report the unduplicated count by gender of participants in interscholastic and intramural ac cumulative total of the participants reported on this form.) If multiple sheets of this form are report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION

MALE PARTICIPANTS:________ FEMALE PARTICIPANTS:________

INTRAMURAL PAR

MALE PARTICIPANTS:________ FE

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VERIFICATION

I hereby verify that the above information is true and correct to the best of

Signature - Principal of School/Responsible Authority

Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES REPORT

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as required by Mir Part 3535.3600. The information being collected is for the school year just ended. Return the completed report to the abov retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Data." If this not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to the above a

IDENTIFICATION Provide the identification information requested. If you have more than 7 athletic activities in any one ter report them on an additional copy of this form and number the forms "Page 1 of 2" and "Page 2 of 2" If additional forms are needed, number them accordingly.

District Name: ANOKA-HENNEPIN

District Number: 11

Name of Person Completing this Report: Matt Ellsworth

Title: District Athletic Coordinator

Telephone (In: (612) 42

School Name: ANOKA SR.

School Number: 1

PAGE_

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity starts. Use the codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of different (he coaches providing instruction for each activity. Expenditure information should be determined from general school funds and coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the teams accordinc participants. **NOTE:** If a school is under a secondary school agreement, an inter-district agreement or a cooperative sponsors providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data" manual for mc

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOTAL NUMBER OF TEAMS	TOTAL NUMBER OF COACHES
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE			
FALL	01	Football	260		123		14	3	7
	02	Cross Country Run	258		21		12	1	1
	03	Gymnastics	263		28		15	2	2
	04	Soccer	266		65		11	3	3
	05								
	06								
WINTER	07	Basketball	255		37		19	3	3
	08	Hockey	276		37		17	2	3
	09	Wrestling	272		50		16	2	3
	10	Cross Country Ski	273		20		14	1	1
	11	Slalom Ski	274		24		14	1	1
	12	Swimming	251		23		15	2	2
SPRING	13	Baseball	254		84		14	3	3
	14	Track	269		58		14	2	3
	15	Tennis	268		39		11	2	2
	16	Golf	262		19		14	1	1
	17								
	18				628				

UNDUPLICATED HEAD COUNT Report the unduplicated count by gender of participants in interscholastic and intramural activities. (Tr cumulative total of the participants reported on this form.) If multiple sheets of this form are used to re report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION

MALE PARTICIPANTS: 404 FEMALE PARTICIPANTS: 239

INTRAMURAL PARTICIPATION

MALE PARTICIPANTS: ______ FEMALE PARTIC

VERIFICATION I hereby verify that the above information is true and correct to the best of my knowled

Matt Ellsworth 61

8-13-90

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Minnesota Department of Education	District Data 537 Capitol Square - 550 Cedar St. Paul, MN 55101	ATHLETIC ACTIVITIES REPOF

GENERAL INFORMATION AND INSTRUCTIONS: This form is used to report athletic activities information as requ Part 3535.3600. The information being collected is for the school year just ended. Return the completed report retain a copy for your files. For questions not covered below, refer to your manual for "Reporting Civil Rights Da not apply to your school, please complete the identification portion, indicate "NA" on the form and return it to tr

IDENTIFICATION	Provide the identification information requested. If you have more than 7 athletic activities in report them on an additional copy of this form and number the forms "Page 1 of 2" and "Pag If additional forms are needed, number them accordingly.

Distr

District Name: FOSSTON

Te

Name of Person Completing this Report: Terrence Stout

Title: Principal

School Number: 20

School Name: FOSSTON SEC.

ATHLETIC ACTIVITY INFORMATION

If an activity starts in one season and ends in another, report the information in the season in which the activity st codes on the reverse side to complete the first three columns. Report one code per line. Provide the number of d coaches providing instruction for each activity. Expenditure information should be determined from general scho coaches salaries. When an item or items of expense are not separated, the expense should be prorated to the tea participants. **NOTE:** If a school is under a secondary school agreement, an inter-district agreement or a coopera providing the activity should report the athletic activity information. Refer to the "Reporting of Civil Rights Data"

TERM	LINE NUMBER	ATHLETIC ACTIVITY TITLES EXCEPT FOR COED INTRAMURALS, REPORT MALE AND FEMALE ACTIVITIES ON SEPARATE LINES	ACTIVITY CLASSIFICATION CODE		TOTAL STUDENTS PARTICIPATING		TOTAL NUMBER OF WEEKS	TOT NUM C TEA
			INTER-SCHOLASTIC	INTRAMURAL	MALE	FEMALE		
FALL	01	Fi Football Male	260		68		10	4
	02	Volleyball Female	371			62	11	
	03							
	04							
	05							
	06							
WINTER	07	Basketball Male	255		44		14	
	08	Basketball Female	255			38	14	
	09	Wrestling Male	372		51		14	
	10	Swimming Coed	351		11	6	12	
	11							
	12							
SPRING	13	Golf Male	262		20		6	
	14	Golf Female	262			24	6	
	15	Track & Field Female	369			29	10	
	16	Track & Field Male	369		20		10	
	17							
	18							

UNDUPLICATED HEAD COUNT	Report the unduplicated count by gender of participants in interscholastic and intra cumulative total of the participants reported on this form.) If multiple sheets of this report this information on Page 1.

INTERSCHOLASTIC PARTICIPATION	**INTRAMU**
MALE PARTICIPANTS: 214 FEMALE PARTICIPANTS: 159	MALE PARTICIPANTS:

BEST COPY AVAILABLE

VERIFICATION	I hereby verify that the above information is true and correct to the Terence J. Stout Signature - Principal of School/Responsible Authority

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APPENDIX B

Basic Data on Secondary Enrollment and Athletic Participation

APPENDIX B

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
1	AITKIN	1.	279.	244.	148.	99.	158.	265.	1.
2	MINNEAPO	1.	8032.	7649.	1585.	1092.	1564.	2343.	17.
3	HILL CIT	2.	80.	62.	37.	29.	53.	66.	1.
4	MCGREGOR	4.	129.	130.	56.	54.	103.	114.	1.
5	SOUTH ST	6.	715.	671.	384.	220.	391.	674.	1.
6	ANOKA	11.	7465.	6810.	2551.	1953.	2514.	3630.	8.
7	CENTENNI	12.	760.	716.	361.	358.	414.	529.	2.
8	COLUMBIA	13.	754.	749.	234.	192.	329.	503.	2.
9	FRIDLEY	14.	583.	563.	185.	124.	214.	305.	2.
10	ST. FRAN	15.	1029.	885.	328.	270.	465.	607.	2.
11	SPRING L	16.	837.	841.	444.	348.	416.	671.	2.
12	DETROIT	22.	626.	572.	305.	279.	470.	632.	2.
13	FRAZEE	23.	304.	261.	149.	124.	214.	314.	1.
14	LAKE PAR	24.	166.	174.	103.	88.	131.	161.	1.
15	BEMIDJI	31.	1093.	1162.	523.	414.	581.	795.	2.
16	BLACKDUC	32.	184.	176.	94.	91.	128.	191.	1.
17	KELLIHER	36.	67.	49.	28.	18.	38.	55.	1.
18	RED LAKE	38.	200.	182.	58.	36.	74.	140.	1.
19	SAUK RAP	47.	545.	509.	265.	199.	373.	488.	2.
20	FOLEY	51.	374.	399.	110.	91.	187.	213.	1.
21	GRACEVIL	60.	89.	117.	40.	43.	73.	77.	1.
22	ORTONVIL	62.	164.	178.	104.	74.	120.	166.	1.
23	LAKE CRY	70.	154.	157.	60.	49.	123.	157.	1.
24	MAPLETON	72.	162.	143.	162.	135.	135.	159.	1.
25	ST. CLAI	75.	101.	88.	63.	54.	78.	115.	1.
26	MANKATO	77.	1493.	1397.	1027.	881.	1111.	1429.	4.
27	AMBOY-GO	79.	47.	39.	0	0	59.	56.	1.
28	COMFREY	81.	51.	57.	33.	37.	59.	50.	1.
29	SLEEPY E	84.	154.	124.	113.	67.	116.	164.	1.
30	SPRINGFI	85.	157.	151.	94.	90.	148.	201.	1.
31	NEW ULM	88.	581.	578.	319.	276.	421.	560.	2.
32	BARNUM	91.	176.	151.	98.	86.	149.	171.	1.
33	CARLTON	93.	186.	162.	64.	77.	184.	186.	1.
34	CLOQUET	94.	561.	564.	251.	182.	288.	282.	2.
35	CROMWELL	95.	82.	70.	57.	43.	98.	113.	1.
36	MOOSE LA	97.	173.	163.	145.	108.	170.	218.	1.
37	ESKO	99.	218.	199.	115.	70.	127.	229.	1.
38	WRENSHAL	100.	100.	75.	74.	39.	90.	107.	1.
39	NORWOOD	108.	222.	222.	0	0	217.	264.	1.
40	WACONIA	110.	305.	284.	189.	164.	175.	319.	2.
41	WATERTOW	111.	264.	252.	171.	182.	290.	306.	1.
42	CHASKA	112.	885.	774.	435.	322.	495.	708.	2.
43	BACKUS	114.	77.	68.	40.	35.	43.	61.	1.
44	CASS LAK	115.	163.	176.	164.	105.	105.	164.	1.
45	PILLAGER	116.	117.	103.	86.	86.	86.	86.	1.
46	PINE RIV	117.	179.	164.	121.	94.	173.	238.	1.
47	REMER	118.	133.	144.	90.	76.	108.	177.	1.
48	WALKER	119.	211.	219.	146.	102.	146.	227.	1.
49	CLARA CI	126.	201.	192.	275.	230.	189.	243.	2.
50	MILAN	128.	46.	46.	79.	81.	87.	87.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
51	MONTEVID	129.	345.	377.	226.	190.	356.	464.	2.
52	NORTH BR	138.	568.	492.	264.	175.	312.	412.	2.
53	RUSH CIT	139.	170.	173.	128.	121.	181.	255.	1.
54	TAYLORS	140.	56.	74.	38.	43.	68.	38.	1.
55	CHISAGO	141.	554.	455.	303.	210.	365.	483.	2.
56	GLYNDON	145.	131.	151.	78.	64.	101.	146.	1.
57	BARNESVI	146.	213.	193.	135.	118.	205.	266.	1.
58	DILWORTH	147.	142.	92.	70.	35.	60.	89.	1.
59	HAWLEY	150.	185.	155.	135.	102.	159.	273.	1.
60	MOORHEAD	152.	1140.	991.	722.	747.	843.	865.	2.
61	GONVICK	158.	60.	42.	25.	12.	12.	25.	1.
62	CLEARBRO	161.	93.	87.	35.	32.	60.	80.	1.
63	BAGLEY	162.	294.	289.	148.	152.	189.	304.	1.
64	COOK COU	166.	143.	132.	75.	71.	86.	127.	1.
65	MOUNTAIN	173.	103.	107.	71.	58.	79.	208.	1.
66	WESTBROO	175.	84.	83.	85.	72.	110.	150.	1.
67	WINDOM	177.	293.	264.	368.	279.	279.	368.	1.
68	STORDEN-	178.	72.	88.	65.	51.	97.	67.	1.
69	BRAINERD	181.	1382.	1377.	709.	474.	622.	988.	3.
70	CROSBY	182.	320.	327.	82.	69.	239.	391.	1.
71	PEQUOT L	186.	183.	182.	82.	54.	201.	219.	1.
72	BURNSVIL	191.	2024.	2054.	684.	513.	576.	742.	3.
73	FARMINGT	192.	460.	478.	262.	257.	400.	473.	2.
74	LAKEVILL	194.	844.	831.	468.	364.	564.	766.	2.
75	RANDOLPH	195.	73.	102.	44.	52.	106.	94.	1.
76	ROSEMOUN	196.	3879.	3757.	2829.	2037.	2653.	3806.	7.
77	WEST ST.	197.	936.	940.	433.	418.	613.	752.	2.
78	INVER GR	199.	719.	713.	321.	312.	493.	622.	2.
79	HASTINGS	200.	1113.	1081.	777.	606.	729.	1086.	2.
80	CLAREMON	201.	55.	42.	32.	21.	34.	72.	1.
81	DODGE CE	202.	142.	121.	78.	69.	119.	120.	1.
82	HAYFIELD	203.	208.	248.	127.	117.	206.	237.	1.
83	KASSON-M	204.	273.	280.	163.	140.	290.	342.	2.
84	WEST CON	205.	97.	94.	113.	144.	144.	113.	1.
85	ALEXANDR	206.	882.	829.	516.	425.	703.	893.	2.
86	BRANDON	207.	95.	85.	69.	33.	76.	124.	1.
87	EVANSVIL	208.	60.	58.	32.	34.	55.	60.	1.
88	OSAKIS	213.	149.	163.	0	0	130.	150.	1.
89	ELMORE	219.	51.	34.	29.	25.	55.	54.	1.
90	KIESTER	222.	84.	83.	65.	51.	86.	125.	1.
91	MINNESOT	223.	47.	38.	32.	23.	57.	71.	1.
92	WELLS	224.	179.	165.	141.	113.	228.	314.	1.
93	CHATFIEL	227.	202.	147.	145.	84.	158.	279.	1.
94	HARMONY	228.	112.	92.	85.	60.	122.	163.	1.
95	LANESBOR	229.	95.	78.	65.	74.	123.	151.	1.
96	PETERSON	232.	38.	38.	38.	79.	79.	38.	1.
97	PRESTON	233.	127.	115.	142.	119.	119.	142.	1.
98	RUSHFORD	234.	154.	132.	113.	74.	102.	248.	1.
99	WYKOFF	236.	67.	63.	33.	28.	48.	33.	1.
100	SPRING V	237.	186.	164.	98.	76.	115.	131.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
101	MABEL-CA	238.	109.	90.	82.	55.	97.	145.	1.
102	BLUE EAR	240.	352.	333.	235.	214.	362.	465.	1.
103	ALBERT L	241.	1021.	938.	451.	362.	524.	842.	2.
104	ALDEN	242.	76.	83.	57.	45.	95.	118.	1.
105	EMMONS	243.	45.	30.	65.	28.	28.	65.	1.
106	FREEBORN	244.	35.	50.	33.	38.	82.	67.	1.
107	GLENVILL	245.	110.	99.	167.	119.	119.	167.	1.
108	CANNON F	252.	314.	311.	199.	178.	308.	345.	1.
109	GOODHUE	253.	132.	102.	204.	174.	174.	204.	1.
110	KENYON	254.	141.	129.	124.	102.	180.	208.	1.
111	PINE ISL	255.	239.	219.	103.	66.	125.	204.	1.
112	RED WING	256.	734.	678.	268.	251.	472.	545.	2.
113	WANAMING	258.	77.	69.	61.	44.	71.	77.	1.
114	ZUMBROTA	260.	139.	132.	93.	85.	107.	166.	1.
115	ASHBY	261.	71.	68.	132.	70.	70.	132.	1.
116	ELBOW LA	263.	123.	120.	91.	74.	114.	174.	1.
117	HERMAN	264.	66.	67.	62.	54.	99.	119.	1.
118	HOFFMAN	265.	87.	85.	64.	68.	135.	143.	1.
119	HOPKINS	270.	1588.	1478.	1184.	830.	1043.	1363.	3.
120	BLOOMING	271.	2671.	2447.	978.	758.	916.	1344.	3.
121	EDEN PRA	272.	1150.	1147.	667.	629.	784.	862.	2.
122	EDINA	273.	1243.	1277.	468.	399.	663.	780.	3.
123	MINNETON	276.	1364.	1212.	539.	358.	594.	718.	2.
124	WESTONKA	277.	533.	495.	212.	156.	265.	384.	1.
125	ORONO	278.	480.	455.	239.	280.	420.	460.	2.
126	OSSEO	279.	3891.	3706.	1825.	1376.	2143.	2701.	5.
127	RICHFIEL	280.	947.	967.	716.	514.	514.	716.	2.
128	ROBBINSD	281.	3110.	3007.	1264.	1744.	1607.	1895.	6.
129	ST. ANTH	282.	200.	215.	130.	141.	196.	241.	2.
130	ST. LOUI	283.	949.	891.	553.	473.	517.	676.	2.
131	WAYZATA	284.	1558.	1539.	599.	549.	916.	938.	3.
132	BROOKLYN	286.	448.	369.	252.	196.	175.	162.	1.
133	HOUSTON	294.	120.	105.	81.	52.	96.	135.	1.
134	SPRING G	297.	106.	108.	117.	81.	81.	117.	1.
135	CALEDONI	299.	209.	209.	158.	120.	199.	294.	1.
136	LA CRESC	300.	328.	321.	197.	188.	280.	366.	1.
137	LAPORTE	306.	56.	53.	28.	36.	83.	62.	1.
138	NEVIS	308.	80.	62.	52.	39.	62.	89.	1.
139	PARK RAP	309.	455.	477.	457.	445.	389.	509.	2.
140	BRAHAM	314.	223.	192.	134.	115.	196.	240.	1.
141	COLERAIN	316.	408.	390.	105.	109.	109.	105.	1.
142	DEER RIV	317.	214.	236.	147.	126.	191.	251.	1.
143	GRAND RA	318.	1097.	1002.	488.	321.	445.	798.	1.
144	NASHWAUK	319.	201.	193.	102.	91.	122.	200.	2.
145	JACKSON	324.	221.	234.	147.	98.	199.	273.	2.
146	LAKEFIEL	325.	99.	112.	126.	118.	218.	272.	1.
147	HERON LA	330.	106.	81.	83.	58.	106.	163.	1.
148	MORA	332.	353.	370.	231.	192.	288.	382.	1.
149	OGILVIE	333.	140.	139.	100.	84.	155.	160.	1.
150	ATWATER	341.	92.	106.	66.	51.	93.	111.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
151	NEW LOND	345.	345.	302.	240.	185.	314.	406.	1.
152	WILLMAR	347.	1063.	987.	623.	446.	531.	826.	2.
153	HALLOCK	351.	65.	77.	55.	57.	103.	120.	1.
154	KARLSTAD	353.	87.	85.	72.	57.	107.	148.	1.
155	KENNEDY	354.	33.	29.	29.	19.	29.	58.	1.
156	LANCASTE	356.	46.	40.	41.	38.	56.	57.	1.
157	INTERNAT	361.	511.	485.	303.	217.	344.	535.	2.
158	LITTLEFO	362.	71.	95.	52.	48.	80.	94.	1.
159	SOUTH KO	363.	96.	70.	22.	22.	96.	109.	2.
160	BELLINGH	371.	44.	35.	52.	31.	50.	98.	1.
161	MARIETTA	376.	12.	31.	8.	16.	24.	13.	1.
162	MADISON	377.	153.	108.	123.	79.	146.	247.	1.
163	DAWSON	378.	146.	166.	59.	55.	74.	116.	1.
164	LAKE SUP	381.	522.	460.	240.	197.	423.	540.	3.
165	LAKE OF	390.	143.	129.	87.	71.	131.	193.	1.
166	CLEVELAN	391.	100.	110.	74.	67.	142.	148.	1.
167	LECENTER	392.	148.	139.	110.	98.	168.	234.	1.
168	LESUEUR	393.	249.	248.	177.	156.	268.	343.	1.
169	MONTGOME	394.	221.	223.	116.	102.	223.	238.	1.
170	WATERVIL	395.	208.	168.	149.	94.	170.	282.	1.
171	HENDRICK	402.	52.	76.	37.	52.	112.	121.	1.
172	IVANHOE	403.	87.	81.	87.	60.	71.	114.	1.
173	LAKE BEN	404.	64.	59.	54.	44.	85.	105.	1.
174	TYLER	409.	111.	119.	67.	56.	63.	101.	1.
175	BALATON	411.	78.	62.	52.	43.	77.	110.	1.
176	COTTONWO	412.	106.	89.	73.	53.	93.	159.	1.
177	MARSHALL	413.	527.	497.	478.	320.	313.	473.	2.
178	MINNEOTA	414.	134.	123.	192.	185.	185.	192.	1.
179	TRACY	417.	226.	195.	180.	122.	232.	365.	1.
180	RUSSELL	418.	72.	57.	37.	43.	84.	105.	1.
181	BROWNTON	421.	89.	87.	72.	66.	108.	148.	1.
182	GLENCOE	422.	326.	307.	307.	280.	280.	307.	2.
183	HUTCHINS	423.	657.	625.	392.	315.	427.	721.	2.
184	LESTER P	424.	128.	119.	97.	85.	171.	198.	1.
185	SILVER L	425.	97.	101.	68.	58.	106.	127.	1.
186	STEWART	426.	71.	62.	55.	46.	85.	117.	1.
187	MAHNOMEN	432.	197.	178.	129.	3.	178.	278.	1.
188	WAUBUN	435.	158.	142.	175.	64.	108.	137.	1.
189	ARGYLE	437.	63.	67.	50.	38.	84.	92.	1.
190	MIDDLE R	440.	45.	64.	51.	45.	73.	99.	1.
191	NEWFOLDE	441.	115.	89.	80.	68.	137.	141.	1.
192	OSLO	442.	91.	99.	46.	69.	92.	72.	1.
193	STEPHEN	443.	78.	58.	65.	35.	86.	117.	1.
194	STRANDQU	444.	18.	20.	17.	9.	13.	27.	1.
195	WARREN	446.	137.	133.	128.	91.	153.	256.	1.
196	GRYGLA	447.	70.	50.	46.	29.	38.	52.	1.
197	CEYLON	451.	52.	44.	40.	38.	71.	81.	1.
198	FAIRMONT	454.	471.	484.	295.	279.	471.	566.	2.
199	SHERBURN	456.	131.	126.	94.	87.	127.	175.	1.
200	TRIMONT	457.	75.	77.	12.	23.	47.	55.	1.

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CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
201	TRUMAN	458.	108.	104.	56.	43.	54.	96.	1.
202	GRANADA-	460.	91.	113.	130.	163.	163.	130.	1.
203	COSMOS	461.	59.	68.	47.	40.	90.	99.	1.
204	EDEN VAL	463.	223.	174.	126.	116.	111.	278.	1.
205	GROVE CI	464.	115.	101.	80.	65.	135.	172.	1.
206	LITCHFIE	465.	486.	434.	298.	227.	343.	480.	2.
207	DASSEL-C	466.	389.	417.	237.	217.	361.	436.	1.
208	ISLE	473.	92.	92.	48.	46.	107.	110.	1.
209	PRINCETO	477.	577.	555.	382.	284.	377.	548.	2.
210	ONAMIA	480.	170.	131.	109.	72.	114.	207.	1.
211	LITTLE F	482.	758.	729.	420.	399.	587.	816.	2.
212	MOTLEY	483.	149.	163.	68.	70.	147.	170.	1.
213	PIERZ	484.	266.	255.	108.	98.	220.	326.	1.
214	ROYALTON	485.	170.	157.	116.	104.	175.	221.	1.
215	SWANVILL	486.	101.	105.	149.	110.	110.	149.	1.
216	UPSALA	487.	108.	86.	64.	48.	80.	152.	1.
217	AUSTIN	492.	919.	885.	538.	526.	605.	698.	2.
218	GRAND ME	495.	79.	77.	54.	48.	88.	120.	1.
219	LYLE	497.	73.	43.	39.	23.	57.	66.	1.
220	LEROY	499.	104.	96.	74.	60.	83.	96.	1.
221	SOUTHLAN	500.	167.	131.	121.	106.	172.	220.	2.
222	SLAYTON	504.	162.	146.	101.	87.	145.	218.	1.
223	FULDA	505.	139.	109.	81.	59.	118.	192.	1.
224	NICOLLET	507.	104.	78.	87.	59.	98.	144.	1.
225	ST. PETE	508.	439.	388.	113.	102.	418.	557.	1.
226	ADRIAN	511.	105.	133.	60.	65.	160.	158.	1.
227	ELLSWORT	514.	45.	44.	41.	36.	65.	84.	1.
228	ROUND LA	516.	100.	95.	41.	31.	109.	145.	1.
229	WORTHING	518.	574.	520.	504.	311.	306.	473.	2.
230	ADA	521.	126.	127.	74.	78.	143.	166.	1.
231	GARY	523.	46.	46.	14.	14.	36.	55.	1.
232	HALSTAD	524.	92.	87.	47.	33.	61.	81.	1.
233	TWIN VAL	526.	77.	77.	73.	69.	118.	136.	1.
234	BYRON	531.	255.	243.	190.	141.	266.	391.	1.
235	DOVER-EY	533.	193.	173.	128.	97.	185.	245.	1.
236	STEWARTV	534.	347.	346.	200.	167.	292.	382.	1.
237	ROCHESTE	535.	2832.	2779.	730.	540.	345.	770.	5.
238	BATTLE L	542.	115.	106.	88.	77.	127.	191.	1.
239	DEER CRE	543.	53.	50.	77.	61.	61.	77.	1.
240	FERGUS F	544.	670.	683.	354.	257.	336.	538.	2.
241	HENNING	545.	113.	121.	100.	92.	156.	175.	1.
242	PARKERS	547.	134.	103.	127.	72.	122.	168.	1.
243	PELICAN	548.	235.	206.	106.	101.	220.	277.	1.
244	PERHAM	549.	331.	323.	65.	48.	227.	307.	1.
245	UNDERWOO	550.	79.	106.	39.	31.	43.	66.	1.
246	NEW YORK	553.	176.	173.	121.	104.	174.	234.	1.
247	GOODRIDG	561.	67.	43.	34.	0	0	34.	1.
248	THIEF RI	564.	582.	547.	359.	246.	403.	586.	2.
249	ASKOV	566.	114.	107.	69.	46.	84.	122.	1.
250	FINLAYSO	570.	58.	59.	43.	28.	28.	69.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
251	HINCKLEY	573.	186.	190.	118.	112.	221.	233.	1.
252	SANDSTON	576.	153.	136.	46.	46.	66.	79.	1.
253	PINE CIT	578.	392.	362.	207.	158.	300.	374.	2.
254	EDGERTON	581.	64.	61.	38.	30.	48.	65.	1.
255	JASPER	582.	61.	43.	30.	34.	65.	52.	1.
256	PIPESTON	583.	296.	288.	128.	88.	215.	354.	1.
257	CLIMAX	592.	51.	51.	36.	32.	63.	64.	1.
258	CROOKSTO	593.	447.	402.	225.	181.	312.	471.	1.
259	EAST GRA	595.	439.	376.	279.	227.	265.	438.	2.
260	FERTILE	599.	139.	98.	94.	55.	109.	207.	1.
261	FISHER	600.	61.	47.	17.	14.	69.	87.	1.
262	FOSSTON	601.	186.	183.	214.	159.	159.	214.	1.
263	MCINTOSH	603.	55.	57.	65.	82.	137.	120.	1.
264	GLENWOOD	612.	223.	215.	169.	117.	237.	379.	1.
265	STARBUCK	614.	92.	89.	59.	47.	82.	122.	1.
266	VILLARD	615.	46.	52.	32.	40.	21.	32.	1.
267	MOUNDS V	621.	2517.	2417.	892.	691.	1053.	1389.	5.
268	NORTH ST	622.	1958.	1895.	1055.	824.	1149.	1479.	4.
269	ROSEVILL	623.	1440.	1281.	395.	374.	653.	856.	4.
270	WHITE BE	624.	1653.	1669.	940.	856.	523.	739.	1.
271	ST. PAUL	625.	7216.	6538.	1756.	1240.	1821.	2562.	17.
272	OKLEE	627.	84.	65.	38.	39.	60.	101.	1.
273	PLUMMER	628.	48.	54.	34.	25.	40.	57.	1.
274	RED LAKE	630.	128.	122.	63.	43.	65.	113.	1.
275	BELVIEW	631.	36.	31.	27.	24.	41.	47.	1.
276	LAMBERTO	633.	132.	102.	135.	63.	99.	164.	1.
277	MORGAN	636.	102.	101.	75.	64.	107.	131.	1.
278	REDWOOD	637.	308.	346.	200.	214.	333.	376.	1.
279	WABASSO	640.	150.	127.	95.	89.	164.	125.	1.
280	WALNUT G	641.	65.	57.	24.	29.	52.	58.	1.
281	BUFFALO	647.	49.	39.	34.	29.	63.	82.	1.
282	DANUBE	648.	57.	72.	69.	57.	107.	136.	1.
283	FAIRFAX	649.	78.	70.	72.	53.	110.	124.	1.
284	HECTOR	651.	93.	88.	61.	50.	94.	121.	1.
285	OLIVIA	653.	172.	149.	93.	74.	131.	167.	1.
286	RENVILLE	654.	126.	118.	72.	58.	125.	167.	1.
287	FARIBAUL	656.	927.	934.	750.	570.	589.	765.	2.
288	MORRISTO	657.	56.	74.	37.	41.	80.	69.	1.
289	NORTHFIE	659.	637.	712.	379.	384.	549.	683.	2.
290	LUVERNE	670.	305.	312.	215.	192.	314.	343.	1.
291	HILLS-BE	671.	121.	90.	79.	62.	120.	144.	1.
292	BADGER	676.	51.	50.	60.	35.	49.	78.	1.
293	GREENBUS	678.	92.	89.	104.	90.	90.	109.	1.
294	ROSEAU	682.	287.	258.	86.	56.	59.	156.	1.
295	WARROAD	690.	247.	217.	184.	110.	204.	359.	1.
296	AURORA	691.	256.	286.	139.	141.	198.	235.	1.
297	BABBITT	692.	142.	111.	54.	58.	76.	102.	1.
298	BIWABIK	693.	152.	141.	83.	60.	85.	126.	1.
299	CHISHOLM	695.	242.	237.	159.	128.	162.	224.	1.
300	ELY	696.	224.	163.	92.	86.	134.	243.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
301	EVELETH	697.	193.	181.	151.	146.	244.	252.	1.
302	FLOODWOO	698.	70.	66.	37.	25.	48.	54.	1.
303	GILBERT	699.	215.	205.	85.	110.	196.	127.	1.
304	HERMANTO	700.	333.	355.	212.	207.	339.	362.	2.
305	HIBBING	701.	828.	811.	386.	334.	467.	669.	2.
306	PROCTOR	704.	503.	527.	270.	235.	356.	416.	2.
307	VIRGINIA	706.	556.	510.	289.	248.	310.	481.	2.
308	TOWER-SO	708.	76.	71.	23.	19.	44.	70.	1.
309	DULUTH	709.	3600.	3359.	1083.	817.	1353.	1511.	7.
310	ST. LOUI	710.	611.	529.	216.	201.	380.	409.	6.
311	MOUNTAIN	712.	182.	200.	78.	76.	160.	93.	1.
312	BELLE PL	716.	186.	203.	104.	109.	196.	207.	1.
313	JORDAN	717.	248.	241.	0	0	165.	219.	1.
314	PRIOR LA	719.	766.	621.	229.	194.	364.	468.	1.
315	SHAKOPEE	720.	568.	535.	228.	207.	230.	305.	1.
316	NEW PRAG	721.	454.	430.	321.	241.	394.	555.	2.
317	BECKER	726.	187.	197.	131.	124.	196.	286.	1.
318	BIG LAKE	727.	230.	231.	234.	205.	124.	288.	1.
319	ELK RIVE	728.	1347.	1305.	529.	620.	904.	1061.	3.
320	ARLINGTO	731.	218.	176.	122.	88.	186.	281.	1.
321	GAYLORD	732.	142.	140.	96.	73.	95.	165.	1.
322	HENDERSO	734.	64.	59.	42.	36.	72.	54.	1.
323	WINTHROP	735.	175.	161.	102.	77.	148.	182.	1.
324	BELGRADE	736.	102.	100.	165.	154.	154.	165.	1.
325	BROOTEN	737.	113.	111.	129.	94.	94.	129.	1.
326	HOLDINGF	738.	221.	227.	129.	110.	192.	291.	1.
327	KIMBALL	739.	199.	179.	115.	111.	219.	256.	1.
328	MELROSE	740.	405.	371.	205.	179.	323.	299.	2.
329	PAYNESVI	741.	278.	279.	177.	168.	260.	336.	1.
330	ST. CLOU	742.	2393.	2387.	835.	663.	989.	1444.	2.
331	SAUK CEN	743.	400.	313.	210.	167.	235.	352.	1.
332	ALBANY	745.	372.	365.	237.	175.	281.	457.	2.
333	SARTELL	748.	407.	368.	254.	270.	480.	502.	2.
334	COLD SPR	750.	526.	480.	169.	147.	164.	381.	1.
335	BLOOMING	756.	217.	205.	152.	130.	258.	321.	1.
336	OWATONNA	761.	909.	893.	453.	377.	596.	752.	2.
337	MEDFORD	763.	121.	115.	80.	61.	128.	183.	1.
338	HANCOCK	768.	82.	60.	55.	40.	80.	139.	1.
339	MORRIS	769.	276.	281.	161.	127.	283.	392.	1.
340	CHOKIO-A	771.	83.	70.	26.	13.	35.	72.	1.
341	KERKHOVE	775.	134.	121.	103.	70.	103.	148.	1.
342	BENSON	777.	262.	269.	126.	102.	319.	281.	1.
343	APPLETON	784.	154.	149.	114.	104.	143.	210.	2.
344	BERTHA-H	786.	132.	153.	84.	94.	137.	166.	1.
345	BROWERVI	787.	139.	121.	104.	75.	97.	152.	1.
346	EAGLE BE	790.	156.	135.	95.	67.	122.	220.	1.
347	GREY EAG	791.	65.	64.	33.	36.	53.	66.	1.
348	LONG PRA	792.	272.	258.	320.	230.	230.	320.	1.
349	BROWNS V	801.	68.	75.	30.	22.	40.	43.	1.
350	WHEATON	803.	119.	106.	0	0	134.	218.	1.

CASE-NO	NAME1	DNUM1	MSEC90	FSEC90	UNDUPM	UNDUPF	TOT90F	TOT90M	REPORTS
351	ELGIN	806.	91.	123.	50.	58.	172.	109.	1.
352	MAZEPPA	809.	75.	75.	0	0	115.	140.	1.
353	PLAINVIE	810.	221.	206.	167.	114.	202.	328.	1.
354	WABASHA	811.	210.	205.	134.	104.	181.	241.	2.
355	LAKE CIT	813.	305.	320.	64.	74.	253.	402.	1.
356	VERNDALE	818.	82.	91.	41.	39.	50.	83.	1.
357	WADENA	819.	297.	320.	194.	183.	316.	331.	1.
358	SEBEKA	820.	167.	166.	93.	104.	201.	193.	1.
359	MENAHGA	821.	155.	136.	70.	53.	114.	155.	1.
360	NEW RICH	827.	126.	119.	124.	115.	184.	284.	1.
361	WASECA	829.	502.	500.	300.	243.	458.	502.	1.
362	JANESVIL	830.	144.	130.	121.	101.	155.	222.	1.
363	FOREST L	831.	1606.	1489.	829.	651.	802.	1263.	3.
364	MAHTOMED	832.	411.	393.	159.	143.	223.	285.	1.
365	SOUTH WA	833.	2228.	2153.	480.	373.	795.	1033.	2.
366	STILLWAT	834.	1875.	1722.	1471.	1174.	1142.	1607.	3.
367	BUTTERFI	836.	70.	58.	46.	32.	81.	118.	1.
368	MADELIA	837.	162.	134.	90.	75.	166.	238.	1.
369	ST. JAME	840.	254.	272.	315.	246.	246.	315.	1.
370	BRECKENR	846.	238.	179.	200.	94.	94.	200.	1.
371	ROTHSAY	850.	51.	61.	30.	37.	46.	54.	1.
372	CAMPBELL	852.	44.	42.	41.	32.	64.	90.	1.
373	LEWISTON	857.	180.	172.	136.	108.	187.	278.	1.
374	ST. CHAR	858.	216.	194.	126.	119.	179.	242.	1.
375	WINONA	861.	1123.	1033.	592.	526.	314.	428.	1.
376	ANNANDAL	876.	389.	331.	171.	157.	315.	399.	1.
377	BUFFALO	877.	874.	884.	457.	531.	765.	666.	2.
378	DELANO	879.	386.	325.	236.	176.	289.	430.	2.
379	HOWARD L	880.	212.	188.	94.	108.	199.	180.	1.
380	MAPLE LA	881.	163.	166.	92.	101.	192.	201.	1.
381	MONTICEL	882.	635.	591.	384.	256.	466.	698.	2.
382	ROCKFORD	883.	248.	252.	274.	256.	230.	274.	1.
383	ST. MICH	885.	287.	259.	186.	153.	238.	363.	1.
384	CANBY	891.	189.	155.	101.	99.	144.	203.	1.
385	CLARKFIE	892.	94.	97.	77.	78.	134.	168.	1.
386	GRANITE	894.	187.	162.	116.	89.	163.	205.	1.
387	WOOD LAK	896.	66.	60.	59.	52.	87.	93.	1.
388	CAMBRIDG	911.	831.	857.	417.	382.	622.	835.	3.
389	MILACA	912.	382.	341.	186.	119.	316.	410.	2.
390	WALDORF-	913.	60.	69.	45.	51.	114.	100.	1.
391	ULEN-HIT	914.	86.	92.	61.	56.	87.	83.	1.
392	CHANDLER	918.	49.	52.	24.	32.	52.	57.	1.

BEST COPY AVAILABLE

APPENDIX C

Male and Female Athletic Participation Rates and Comparisons

APPENDIX C

E-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
1	AITKIN	1.	.530	.406	1.307	.950	.648	1.467
2	MINNEAPO	1.	.197	.143	1.382	.292	.204	1.427
3	HILL CIT	2.	.462	.468	.989	.825	.855	.965
4	MCGREGOR	4.	.434	.415	1.045	.884	.792	1.115
5	SOUTH ST	6.	.537	.328	1.638	.943	.583	1.618
6	ANOKA	11.	.342	.287	1.192	.486	.369	1.317
7	CENTENNI	12.	.475	.500	.950	.696	.578	1.204
8	COLUMBIA	13.	.310	.256	1.211	.667	.439	1.519
9	FRIDLEY	14.	.317	.220	1.441	.523	.380	1.376
10	ST. FRAN	15.	.319	.305	1.045	.590	.525	1.123
11	SPRING L	16.	.530	.414	1.282	.802	.495	1.621
12	DETROIT	22.	.487	.488	.999	1.010	.822	1.229
13	FRAZEE	23.	.490	.475	1.032	1.033	.820	1.260
14	LAKE PAR	24.	.620	.506	1.227	.970	.753	1.288
15	BEMIDJI	31.	.478	.356	1.343	.727	.500	1.455
16	BLACKDUC	32.	.511	.517	.988	1.038	.727	1.427
17	KELLIHER	36.	.418	.367	1.138	.821	.776	1.059
18	RED LAKE	38.	.290	.198	1.466	.700	.407	1.722
19	SAUK RAP	47.	.486	.391	1.244	.895	.733	1.222
20	FOLEY	51.	.294	.228	1.290	.570	.469	1.215
21	GRACEVIL	60.	.449	.368	1.223	.865	.624	1.387
22	ORTONVIL	62.	.634	.416	1.525	1.012	.674	1.501
23	LAKE CRY	70.	.390	.312	1.248	1.019	.783	1.301
24	MAPLETON	72.	1.000	.944	1.059	.981	.944	1.040
25	ST. CLAI	75.	.624	.614	1.017	1.139	.886	1.285
26	MANKATO	77.	.688	.631	1.091	.957	.795	1.204
27	AMBOY-GO	79.	0	0	0	1.191	1.513	.788
28	COMFREY	81.	.647	.649	.997	.980	1.035	.947
29	SLEEPY E	84.	.734	.540	1.358	1.065	.935	1.138
30	SPRINGFI	85.	.599	.596	1.005	1.280	.980	1.306
31	NEW ULM	88.	.549	.478	1.150	.964	.728	1.323
32	BARNUM	91.	.557	.570	.978	.972	.987	.985
33	CARLTON	93.	.344	.475	.724	1.000	1.136	.880
34	CLOQUET	94.	.447	.323	1.386	.503	.511	.984
35	CROMWELL	95.	.695	.614	1.132	1.378	1.400	.984
36	MOOSE LA	97.	.838	.663	1.265	1.260	1.043	1.208
37	ESKO	99.	.528	.352	1.500	1.050	.638	1.646
38	WRENSHAL	100.	.740	.520	1.423	1.070	1.200	.892
39	NORWOOD	108.	0	0	0	1.189	.977	1.217
40	WACONIA	110.	.620	.577	1.073	1.046	.616	1.697
41	WATERTOW	111.	.648	.722	.897	1.159	1.151	1.007
42	CHASKA	112.	.492	.416	1.181	.800	.640	1.251
43	BACKUS	114.	.519	.515	1.009	.792	.632	1.253
44	CASS LAK	115.	1.006	.597	1.686	1.006	.597	1.686
45	PILLAGER	116.	.735	.835	.880	.735	.835	.880
46	PINE RIV	117.	.676	.573	1.179	1.330	1.055	1.260
47	REMER	118.	.677	.528	1.282	1.331	.750	1.774
48	WALKER	119.	.692	.466	1.486	1.076	.667	1.614
49	CLARA CI	126.	1.368	1.198	1.142	1.209	.984	1.228
50	MILAN	128.	1.717	1.761	.975	1.891	1.891	1.000

SE-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
51	MONTEVID	129.	.655	.504	1.300	1.345	.944	1.424
52	NORTH BR	138.	.465	.356	1.307	.725	.634	1.144
53	RUSH CIT	139.	.753	.699	1.077	1.500	1.046	1.434
54	TAYLORS	140.	.679	.581	1.168	.679	.919	.738
55	CHISAGO	141.	.547	.462	1.185	.872	.802	1.087
56	GLYNDON	145.	.595	.424	1.405	1.115	.669	1.666
57	BARNESVI	146.	.634	.611	1.037	1.249	1.062	1.176
58	DILWORTH	147.	.493	.380	1.296	.627	.652	.961
59	HAWLEY	150.	.730	.658	1.109	1.476	1.026	1.439
60	MOORHEAD	152.	.633	.754	.840	.759	.851	.892
61	GONVICK	158.	.417	.286	1.458	.417	.286	1.458
62	CLEARBRO	161.	.376	.368	1.023	.860	.690	1.247
63	BAGLEY	162.	.503	.526	.957	1.034	.654	1.581
64	COOK COU	166.	.524	.538	.975	.888	.652	1.363
65	MOUNTAIN	173.	.689	.542	1.272	2.019	.738	2.735
66	WESTBROO	175.	1.012	.867	1.167	1.786	1.325	1.347
67	WINDOM	177.	1.256	1.057	1.188	1.256	1.057	1.188
68	STORDEN-	178.	.903	.580	1.558	.931	1.102	.844
69	BRAINERD	181.	.513	.344	1.490	.715	.452	1.583
70	CROSBY	182.	.256	.211	1.214	1.222	.731	1.672
71	PEQUOT L	186.	.448	.297	1.510	1.197	1.104	1.084
72	BURNSVIL	191.	.338	.250	1.353	.367	.280	1.307
73	FARMINGT	192.	.570	.538	1.059	1.028	.837	1.229
74	LAKEVILL	194.	.555	.438	1.266	.908	.679	1.337
75	RANDOLPH	195.	.603	.510	1.182	1.288	1.039	1.239
76	ROSEMOUN	196.	.729	.542	1.345	.981	.706	1.389
77	WEST ST.	197.	.463	.445	1.040	.803	.652	1.232
78	INVER GR	199.	.446	.438	1.020	.865	.691	1.251
79	HASTINGS	200.	.698	.561	1.245	.976	.674	1.447
80	CLAREMON	201.	.582	.500	1.164	1.309	.810	1.617
81	DODGE CE	202.	.549	.570	.963	.845	.983	.859
82	HAYFIELD	203.	.611	.472	1.294	1.139	.831	1.372
83	KASSON-M	204.	.597	.500	1.194	1.253	1.036	1.210
84	WEST CON	205.	1.165	1.532	.760	1.165	1.532	.760
85	ALEXANDR	206.	.585	.513	1.141	1.012	.848	1.194
86	BRANDON	207.	.726	.388	1.871	1.305	.894	1.460
87	EVANSVIL	208.	.533	.586	.910	1.000	.948	1.055
88	OSAKIS	213.	0	0	0	1.007	.798	1.262
89	ELMORE	219.	.569	.735	.773	1.059	1.618	.655
90	KIESTER	222.	.774	.614	1.259	1.488	1.036	1.436
91	MINNESOT	223.	.681	.605	1.125	1.511	1.500	1.007
92	WELLS	224.	.788	.685	1.150	1.754	1.382	1.269
93	CHATFIEL	227.	.718	.571	1.256	1.381	1.075	1.285
94	HARMONY	228.	.759	.652	1.164	1.455	1.326	1.097
95	LANESBOR	229.	.684	.949	.721	1.589	1.577	1.008
96	PETERSON	232.	1.000	2.079	.481	1.000	2.079	.481
97	PRESTON	233.	1.118	1.035	1.081	1.118	1.035	1.081
98	RUSHFORD	234.	.734	.561	1.309	1.610	.773	2.084
99	WYKOFF	236.	.493	.444	1.108	.493	.762	.646
100	SPRING V	237.	.527	.463	1.137	.704	.701	1.004

BEST COPY AVAILABLE

:-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
101	MABEL-CA	238.	.752	.611	1.231	1.330	1.078	1.234
102	BLUE EAR	240.	.668	.643	1.039	1.321	1.087	1.215
103	ALBERT L	241.	.442	.386	1.145	.825	.559	1.476
104	ALDEN	242.	.750	.542	1.383	1.553	1.145	1.357
105	EMMONS	243.	1.444	.933	1.548	1.444	.933	1.548
106	FREEBORN	244.	.943	.760	1.241	1.914	1.640	1.167
107	GLENVILL	245.	1.518	1.202	1.263	1.518	1.202	1.263
108	CANNON F	252.	.634	.572	1.107	1.099	.990	1.109
109	GOODHUE	253.	1.545	1.706	.906	1.545	1.706	.906
110	KENYON	254.	.879	.791	1.112	1.475	1.395	1.057
111	PINE ISL	255.	.431	.301	1.430	.854	.571	1.495
112	RED WING	256.	.365	.370	.986	.743	.696	1.067
113	WANAMING	258.	.792	.638	1.242	1.000	1.029	.972
114	ZUMBROTA	260.	.669	.644	1.039	1.194	.811	1.473
115	ASHBY	261.	1.859	1.029	1.806	1.859	1.029	1.806
116	ELBOW LA	263.	.740	.617	1.200	1.415	.950	1.489
117	HERMAN	264.	.939	.806	1.166	1.803	1.478	1.220
118	HOFFMAN	265.	.736	.800	.920	1.644	1.588	1.035
119	HOPKINS	270.	.746	.562	1.328	.858	.706	1.216
120	BLOOMING	271.	.366	.310	1.182	.503	.374	1.344
121	EDEN PRA	272.	.580	.548	1.058	.750	.684	1.097
122	EDINA	273.	.377	.312	1.205	.628	.519	1.209
123	MINNETON	276.	.395	.295	1.338	.526	.490	1.074
124	WESTONKA	277.	.398	.315	1.262	.720	.535	1.346
125	ORONO	278.	.498	.615	.809	.958	.923	1.038
126	OSSEO	279.	.469	.371	1.263	.694	.578	1.200
127	RICHFIEL	280.	.756	.532	1.422	.756	.532	1.422
128	ROBBINSD	281.	.406	.580	.701	.609	.534	1.140
129	ST. ANTH	282.	.650	.656	.991	1.205	.912	1.322
130	ST. LOUI	283.	.583	.531	1.098	.712	.580	1.228
131	WAYZATA	284.	.384	.357	1.078	.602	.595	1.012
132	BROOKLYN	286.	.563	.531	1.059	.362	.474	.762
133	HOUSTON	294.	.675	.495	1.363	1.125	.914	1.230
134	SPRING G	297.	1.104	.750	1.472	1.104	.750	1.472
135	CALEDONI	299.	.756	.574	1.317	1.407	.952	1.477
136	LA CRESC	300.	.601	.586	1.026	1.116	.872	1.279
137	LAPORTE	306.	.500	.679	.736	1.107	1.566	.707
138	NEVIS	308.	.650	.629	1.033	1.112	1.000	1.112
139	PARK RAP	309.	1.004	.933	1.077	1.119	.816	1.372
140	BRAHAM	314.	.601	.599	1.003	1.076	1.021	1.054
141	COLERAIN	316.	.257	.279	.921	.257	.279	.921
142	DEER RIV	317.	.687	.534	1.287	1.173	.809	1.449
143	GRAND RA	318.	.445	.320	1.389	.727	.444	1.638
144	NASHWAUK	319.	.507	.472	1.076	.995	.632	1.574
145	JACKSON	324.	.665	.419	1.588	1.235	.850	1.453
146	LAKEFIEL	325.	1.273	1.054	1.208	2.747	1.946	1.412
147	HERON LA	330.	.783	.716	1.094	1.538	1.309	1.175
148	MORA	332.	.654	.519	1.261	1.082	.778	1.390
149	OGILVIE	333.	.714	.604	1.182	1.143	1.115	1.025
150	ATWATER	341.	.717	.481	1.491	1.207	.877	1.375

NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
151	NEW LOND	345.	.696	.613	1.136	1.177	1.040	1.132
152	WILLMAR	347.	.586	.452	1.297	.777	.538	1.444
153	HALLOCK	351.	.846	.740	1.143	1.846	1.338	1.380
154	KARLSTAD	353.	.828	.671	1.234	1.701	1.259	1.351
155	KENNEDY	354.	.879	.655	1.341	1.758	1.000	1.758
156	LANCASTE	356.	.891	.950	.938	1.239	1.400	.885
157	INTERNAT	361.	.593	.447	1.325	1.047	.709	1.476
158	LITTLEFO	362.	.732	.505	1.450	1.324	.842	1.572
159	SOUTH KO	363.	.229	.314	.729	1.135	1.371	.828
160	BELLINGH	371.	1.182	.886	1.334	2.227	1.429	1.559
161	MARIETTA	376.	.667	.516	1.292	1.083	.774	1.399
162	MADISON	377.	.804	.731	1.099	1.614	1.352	1.194
163	DAWSON	378.	.404	.331	1.220	.795	.446	1.782
164	LAKE SUP	381.	.460	.428	1.074	1.034	.920	1.125
165	LAKE OF	390.	.608	.550	1.105	1.350	1.016	1.329
166	CLEVELAN	391.	.740	.609	1.215	1.480	1.291	1.146
167	LECENTER	392.	.743	.705	1.054	1.581	1.209	1.308
168	LESUEUR	393.	.711	.629	1.130	1.378	1.081	1.275
169	MONTGOME	394.	.525	.457	1.148	1.077	1.000	1.077
170	WATERVIL	395.	.716	.560	1.280	1.356	1.012	1.340
171	HENDRICK	402.	.712	.684	1.040	2.327	1.474	1.579
172	IVANHOE	403.	1.000	.741	1.350	1.310	.877	1.495
173	LAKE BEN	404.	.844	.746	1.131	1.641	1.441	1.139
174	TYLER	409.	.604	.471	1.283	.910	.529	1.719
175	BALATON	411.	.667	.694	.961	1.410	1.242	1.136
176	COTTONWO	412.	.689	.596	1.156	1.500	1.045	1.435
177	MARSHALL	413.	.907	.644	1.409	.898	.630	1.425
178	MINNEOTA	414.	1.433	1.504	.953	1.433	1.504	.953
179	TRACY	417.	.796	.626	1.273	1.615	1.190	1.357
180	RUSSELL	418.	.514	.754	.681	1.458	1.474	.990
181	BROWNTON	421.	.809	.759	1.066	1.663	1.241	1.340
182	GLENCOE	422.	.942	.912	1.033	.942	.912	1.033
183	HUTCHINS	423.	.597	.504	1.184	1.097	.683	1.606
184	LESTER P	424.	.758	.714	1.061	1.547	1.437	1.076
185	SILVER L	425.	.701	.574	1.221	1.309	1.050	1.248
186	STEWART	426.	.775	.742	1.044	1.648	1.371	1.202
187	MAHNOMEN	432.	.655	.017	38.853	1.411	1.000	1.411
188	WAUBUN	435.	1.108	.451	2.457	.867	.761	1.140
189	ARGYLE	437.	.794	.567	1.399	1.460	1.254	1.165
190	MIDDLE R	440.	1.133	.703	1.612	2.200	1.141	1.929
191	NEWFOLDE	441.	.696	.764	.910	1.226	1.539	.797
192	OSLO	442.	.505	.697	.725	.791	.929	.851
193	STEPHEN	443.	.833	.603	1.381	1.500	1.48	1.012
194	STRANDQU	444.	.944	.450	2.099	1.500	.650	2.308
195	WARREN	446.	.934	.684	1.366	1.869	1.150	1.624
196	GRYGLA	447.	.657	.580	1.133	.743	.760	.977
197	CEYLON	451.	.769	.864	.891	1.558	1.614	.965
198	FAIRMONT	454.	.626	.576	1.087	1.202	.973	1.235
199	SHERBURN	456.	.718	.690	1.039	1.336	1.008	1.325
200	TRIMONT	457.	.160	.299	.536	.733	.610	1.201

-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
201	TRUMAN	458.	.519	.413	1.254	.889	.519	1.712
202	GRANADA-	460.	1.429	1.442	.990	1.429	1.442	.990
203	COSMOS	461.	.797	.588	1.354	1.678	1.324	1.268
204	EDEN VAL	463.	.565	.667	.848	1.247	.638	1.954
205	GROVE CI	464.	.696	.644	1.081	1.496	1.337	1.119
206	LITCHFIE	465.	.613	.523	1.172	.988	.790	1.250
207	DASSEL-C	466.	.609	.520	1.171	1.121	.866	1.295
208	ISLE	473.	.522	.500	1.043	1.196	1.163	1.028
209	PRINCETO	477.	.662	.512	1.294	.950	.679	1.398
210	ONAMIA	480.	.641	.550	1.167	1.218	.870	1.399
211	LITTLE F	482.	.554	.547	1.012	1.077	.805	1.337
212	MOTLEY	483.	.456	.429	1.063	1.141	.902	1.265
213	PIERZ	484.	.406	.384	1.056	1.226	.863	1.421
214	ROYALTON	485.	.682	.662	1.030	1.300	1.115	1.166
215	SWANVILL	486.	1.475	1.048	1.408	1.475	1.048	1.408
216	UPSALA	487.	.593	.558	1.062	1.407	.930	1.513
217	AUSTIN	492.	.585	.594	.985	.760	.684	1.111
218	GRAND ME	495.	.684	.623	1.097	1.519	1.143	1.329
219	LYLE	497.	.534	.535	.999	.904	1.326	.682
220	LEROY	499.	.712	.625	1.138	.923	.865	1.068
221	SOUTHLAN	500.	.725	.809	.895	1.317	1.313	1.003
222	SLAYTON	504.	.623	.596	1.046	1.346	.993	1.355
223	FULDA	505.	.583	.541	1.077	1.381	1.083	1.276
224	NICOLLET	507.	.837	.756	1.106	1.385	1.256	1.102
225	ST. PETE	508.	.257	.263	.979	1.269	1.077	1.178
226	ADRIAN	511.	.571	.489	1.169	1.505	1.203	1.251
227	ELLSWORT	514.	.911	.818	1.114	1.867	1.477	1.264
228	ROUND LA	516.	.410	.326	1.256	1.450	1.147	1.264
229	WORTHING	518.	.878	.598	1.468	.824	.588	1.400
230	ADA	521.	.587	.614	.956	1.317	1.126	1.170
231	GARY	523.	.304	.304	1.000	1.196	.783	1.528
232	HALSTAD	524.	.511	.379	1.347	.880	.701	1.256
233	TWIN VAL	526.	.948	.896	1.058	1.766	1.532	1.153
234	BYRON	531.	.745	.580	1.284	1.533	1.095	1.401
235	DOVER-EY	533.	.663	.561	1.183	1.269	1.069	1.187
236	STEWARTV	534.	.576	.483	1.194	1.101	.844	1.304
237	ROCHESTE	535.	.258	.194	1.327	.272	.124	2.190
238	BATTLE L	542.	.765	.726	1.053	1.661	1.198	1.386
239	DEER CRE	543.	1.453	1.220	1.191	1.453	1.220	1.191
240	FERGUS F	544.	.528	.376	1.404	.803	.492	1.632
241	HENNING	545.	.885	.760	1.164	1.549	1.289	1.201
242	PARKERS	547.	.948	.699	1.356	1.254	1.184	1.058
243	PELICAN	548.	.451	.490	.920	1.179	1.068	1.104
244	PERHAM	549.	.196	.149	1.321	.927	.703	1.320
245	UNDERWOO	550.	.494	.292	1.688	.835	.406	2.059
246	NEW YORK	553.	.688	.601	1.144	1.330	1.006	1.322
247	GOODRIDG	561.	.507	0	0	.507	0	0
248	THIEF RI	564.	.617	.450	1.372	1.007	.737	1.367
249	ASKOV	566.	.605	.430	1.408	1.070	.785	1.363
250	FINLAYSO	570.	.741	.475	1.562	1.190	.475	2.507

-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
251	HINCKLEY	573.	.634	.589	1.076	1.253	1.163	1.077
252	SANDSTON	576.	.301	.338	.889	.516	.485	1.064
253	PINE CIT	578.	.528	.436	1.210	.954	.829	1.151
254	EDGERTON	581.	.594	.492	1.207	1.016	.787	1.291
255	JASPER	582.	.492	.791	.622	.852	1.512	.564
256	PIPESTON	583.	.432	.306	1.415	1.196	.747	1.602
257	CLIMAX	592.	.706	.627	1.125	1.255	1.235	1.016
258	CROOKSTO	593.	.503	.450	1.118	1.054	.776	1.358
259	EAST GRA	595.	.636	.604	1.053	.998	.705	1.416
260	FERTILE	599.	.676	.561	1.205	1.489	1.112	1.339
261	FISHER	600.	.279	.298	.936	1.426	1.468	.971
262	FOSSTON	601.	1.151	.869	1.324	1.151	.869	1.324
263	MCINTOSH	603.	1.182	1.439	.822	2.182	2.404	.908
264	GLENWOOD	612.	.758	.544	1.393	1.700	1.102	1.542
265	STARBUCK	614.	.641	.528	1.214	1.326	.921	1.439
266	VILLARD	615.	.696	.769	.904	.696	.404	1.723
267	MOUNDS V	621.	.354	.286	1.240	.552	.436	1.267
268	NORTH ST	622.	.539	.435	1.239	.755	.606	1.246
269	ROSEVILL	623.	.274	.292	.940	.594	.510	1.166
270	WHITE BE	624.	.569	.513	1.109	.447	.313	1.427
271	ST. PAUL	625.	.243	.190	1.283	.355	.279	1.275
272	OKLEE	627.	.452	.600	.754	1.202	.923	1.303
273	PLUMMER	628.	.708	.463	1.530	1.188	.741	1.603
274	RED LAKE	630.	.492	.352	1.396	.883	.533	1.657
275	BELVIEW	631.	.750	.774	.969	1.306	1.323	.987
276	LAMBERTO	633.	1.023	.618	1.656	1.242	.971	1.280
277	MORGAN	636.	.735	.634	1.160	1.284	1.059	1.212
278	REDWOOD	637.	.649	.618	1.050	1.221	.962	1.268
279	WABASSO	640.	.633	.701	.904	.833	1.291	.645
280	WALNUT G	641.	.369	.509	.726	.892	.912	.978
281	BUFFALO	647.	.694	.744	.933	1.673	1.615	1.036
282	DANUBE	648.	1.211	.792	1.529	2.386	1.486	1.606
283	FAIRFAX	649.	.923	.757	1.219	1.590	1.571	1.012
284	HECTOR	651.	.656	.568	1.154	1.301	1.068	1.218
285	OLIVIA	653.	.541	.497	1.089	.971	.879	1.104
286	RENVILLE	654.	.571	.492	1.163	1.325	1.059	1.251
287	FARIBAUL	656.	.809	.610	1.326	.825	.631	1.309
288	MORRISTO	657.	.661	.554	1.193	1.232	1.081	1.140
289	NORTHFIE	659.	.595	.539	1.103	1.072	.771	1.391
290	LUVERNE	670.	.705	.615	1.145	1.125	1.006	1.117
291	HILLS-BE	671.	.653	.689	.948	1.190	1.333	.893
292	BADGER	676.	1.176	.700	1.681	1.529	.980	1.561
293	GREENBUS	678.	1.130	1.011	1.118	1.185	1.011	1.172
294	ROSEAU	682.	.300	.217	1.381	.544	.229	2.377
295	WARROAD	690.	.745	.507	1.470	1.453	.940	1.546
296	AURORA	691.	.543	.493	1.101	.918	.692	1.326
297	BABBITT	692.	.380	.523	.728	.718	.685	1.049
298	BIWABIK	693.	.546	.426	1.283	.829	.603	1.375
299	CHISHOLM	695.	.657	.540	1.217	.926	.684	1.354
300	ELY	696.	.411	.528	.778	1.085	.822	1.320

E-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
301	EVELETH	697.	.782	.807	.970	1.306	1.348	.969
302	FLOODWOO	698.	.529	.379	1.395	.771	.727	1.061
303	GILBERT	699.	.395	.537	.737	.591	.956	.618
304	HERMANTO	700.	.637	.583	1.092	1.087	.955	1.138
305	HIBBING	701.	.466	.412	1.132	.808	.576	1.403
306	PROCTOR	704.	.537	.446	1.204	.827	.676	1.224
307	VIRGINIA	706.	.520	.486	1.069	.865	.608	1.423
308	TOWER-SO	708.	.303	.268	1.131	.921	.620	1.486
309	DULUTH	709.	.301	.243	1.237	.420	.403	1.042
310	ST. LOUI	710.	.354	.380	.930	.669	.718	.932
311	MOUNTAIN	712.	.429	.380	1.128	.511	.800	.639
312	BELLE PL	716.	.559	.537	1.041	1.113	.966	1.153
313	JORDAN	717.	0	0	0	.883	.685	1.290
314	PRIOR LA	719.	.299	.312	.957	.611	.586	1.042
315	SHAKOPEE	720.	.401	.387	1.037	.537	.430	1.249
316	NEW PRAG	721.	.707	.560	1.262	1.222	.916	1.334
317	BECKER	726.	.701	.629	1.113	1.529	.995	1.537
318	BIG LAKE	727.	1.017	.887	1.146	1.252	.537	2.333
319	ELK RIVE	728.	.393	.475	.827	.788	.693	1.137
320	ARLINGTO	731.	.560	.500	1.119	1.289	1.057	1.220
321	GAYLORD	732.	.676	.521	1.297	1.162	.679	1.712
322	HENDERSO	734.	.656	.610	1.076	.844	1.220	.691
323	WINTHROP	735.	.583	.478	1.219	1.040	.919	1.131
324	BELGRADE	736.	1.618	1.540	1.050	1.618	1.540	1.050
325	BROOTEN	737.	1.142	.847	1.348	1.142	.847	1.348
326	HOLDINGF	738.	.584	.485	1.205	1.317	.846	1.557
327	KIMBALL	739.	.578	.620	.932	1.286	1.223	1.051
328	MELROSE	740.	.506	.482	1.049	.738	.871	.848
329	PAYNESVI	741.	.637	.602	1.057	1.209	.932	1.297
330	ST. CLOU	742.	.349	.278	1.256	.603	.414	1.456
331	SAUK CEN	743.	.525	.534	.984	.880	.751	1.172
332	ALBANY	745.	.637	.479	1.329	1.228	.770	1.596
333	SARTELL	748.	.624	.734	.851	1.233	1.304	.946
334	COLD SPR	750.	.321	.306	1.049	.724	.342	2.120
335	BLOOMING	756.	.700	.634	1.105	1.479	1.259	1.175
336	OWATONNA	761.	.498	.422	1.180	.827	.667	1.240
337	MEDFORD	763.	.661	.530	1.246	1.512	1.113	1.359
338	HANCOCK	768.	.671	.667	1.006	1.695	1.333	1.271
339	MORRIS	769.	.583	.452	1.291	1.420	1.007	1.410
340	CHOKIO-A	771.	.313	.186	1.687	.867	.500	1.735
341	KERKHOVE	775.	.769	.579	1.329	1.104	.851	1.297
342	BENSON	777.	.481	.379	1.268	1.073	1.186	.904
343	APPLETON	784.	.740	.698	1.061	1.364	.960	1.421
344	BERTHA-H	786.	.636	.614	1.036	1.258	.895	1.404
345	BROWERVI	787.	.748	.620	1.207	1.094	.802	1.364
346	EAGLE BE	790.	.609	.496	1.227	1.410	.904	1.561
347	GREY EAG	791.	.508	.563	.903	1.015	.828	1.226
348	LONG PRA	792.	1.176	.891	1.320	1.176	.891	1.320
349	BROWNS V	801.	.441	.293	1.504	.632	.533	1.186
350	WHEATON	803.	0	0	0	1.832	1.264	1.449

NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
351	ELGIN	806.	.549	.472	1.165	1.198	1.398	.857
352	MAZEPPA	809.	0	0	0	1.867	1.533	1.217
353	PLAINVIE	810.	.756	.553	1.365	1.484	.981	1.514
354	WABASHA	811.	.638	.507	1.258	1.148	.883	1.300
355	LAKE CIT	813.	.210	.231	.907	1.318	.791	1.667
356	VERNDALE	818.	.500	.429	1.167	1.012	.549	1.842
357	WADENA	819.	.653	.572	1.142	1.114	.987	1.129
358	SEBEKA	820.	.557	.627	.889	1.156	1.211	.954
359	MENAHGA	821.	.452	.390	1.159	1.000	.838	1.193
360	NEW RICH	827.	.984	.966	1.018	2.254	1.546	1.458
361	WASECA	829.	.598	.486	1.230	1.000	.916	1.092
362	JANESVIL	830.	.840	.777	1.082	1.542	1.192	1.293
363	FOREST L	831.	.516	.437	1.181	.786	.539	1.460
364	MAHTOMED	832.	.387	.364	1.063	.693	.567	1.222
365	SOUTH WA	833.	.215	.173	1.244	.464	.369	1.256
366	STILLWAT	834.	.785	.682	1.151	.857	.663	1.292
367	BUTTERFI	836.	.657	.552	1.191	1.686	1.397	1.207
368	MADELIA	837.	.556	.560	.993	1.469	1.239	1.186
369	ST. JAME	840.	1.240	.904	1.371	1.240	.904	1.371
370	BRECKENR	846.	.840	.525	1.600	.840	.525	1.600
371	ROTHSAY	850.	.588	.607	.970	1.059	.754	1.404
372	CAMPBELL	852.	.932	.762	1.223	2.045	1.524	1.342
373	LEWISTON	857.	.756	.628	1.203	1.544	1.087	1.421
374	ST. CHAR	858.	.583	.613	.951	1.120	.923	1.214
375	WINONA	861.	.527	.509	1.035	.381	.304	1.254
376	ANNANDAL	876.	.440	.474	.927	1.026	.952	1.078
377	BUFFALO	877.	.523	.601	.870	.762	.865	.881
378	DELANO	879.	.611	.542	1.129	1.114	.889	1.253
379	HOWARD L	880.	.443	.574	.772	.849	1.059	.802
380	MAPLE LA	881.	.564	.608	.928	1.233	1.157	1.066
381	MONTICEL	882.	.605	.433	1.396	1.099	.788	1.394
382	ROCKFORD	883.	1.105	1.016	1.088	1.105	.913	1.211
383	ST. MICH	885.	.648	.591	1.097	1.265	.919	1.376
384	CANBY	891.	.534	.639	.837	1.074	.929	1.156
385	CLARKFIE	892.	.819	.804	1.019	1.787	1.381	1.294
386	GRANITE	894.	.620	.549	1.129	1.096	1.006	1.090
387	WOOD LAK	896.	.894	.867	1.031	1.409	1.450	.972
388	CAMBRIDG	911.	.502	.446	1.126	1.005	.726	1.384
389	MILACA	912.	.487	.349	1.395	1.073	.927	1.158
390	WALDORF-	913.	.750	.739	1.015	1.667	1.652	1.009
391	ULEN-HIT	914.	.709	.609	1.165	.965	.946	1.021
392	CHANDLER	918.	.490	.615	.796	1.163	1.000	1.163

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APPENDIX D

Male and Female Athletic Participation Rates and Comparisons

218 Districts Ranked by Unduplication Comparison

APPENDIX D

(Ranked by COMP1)

CASE-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
1	STRANDQU	444.	.944	.450	2.099	1.500	.650	2.308
2	BRANDON	207.	.726	.388	1.871	1.305	.894	1.460
3	UNDERWOO	550.	.494	.292	1.688	.835	.406	2.059
4	SOUTH ST	6.	.537	.328	1.638	.943	.583	1.618
5	JACKSON	324.	.665	.419	1.588	1.235	.850	1.453
6	FINLAYSO	570.	.741	.475	1.562	1.190	.475	2.507
7	STORDEN-	178.	.903	.580	1.558	.931	1.102	.844
8	PLUMMER	628.	.708	.463	1.530	1.188	.741	1.603
9	ORTONVIL	62.	.634	.416	1.525	1.012	.674	1.501
10	BROWNS V	801.	.441	.293	1.504	.632	.533	1.186
11	ESKO	99.	.528	.352	1.500	1.050	.638	1.646
12	ATWATER	341.	.717	.481	1.491	1.207	.877	1.375
13	BRAINERD	181.	.513	.344	1.490	.715	.452	1.583
14	WALKER	119.	.692	.466	1.486	1.076	.667	1.614
15	WARROAD	690.	.745	.507	1.470	1.453	.940	1.546
16	LITTLEFO	362.	.732	.505	1.450	1.324	.842	1.572
17	FRIDLEY	14.	.317	.220	1.441	.523	.380	1.376
18	PINE ISL	255.	.431	.301	1.430	.854	.571	1.495
19	WRENSHAL	100.	.740	.520	1.423	1.070	1.200	.892
20	ASKOV	566.	.605	.430	1.408	1.070	.785	1.363
21	GLYNDON	145.	.595	.424	1.405	1.115	.669	1.666
22	FERGUS F	544.	.528	.376	1.404	.803	.492	1.632
23	ARGYLE	437.	.794	.567	1.399	1.460	1.254	1.165
24	RED LAKE	630.	.492	.352	1.396	.883	.533	1.657
25	MONTICEL	882.	.605	.433	1.396	1.099	.788	1.394
26	FLOODWOO	698.	.529	.379	1.395	.771	.727	1.061
27	GRAND RA	318.	.445	.320	1.389	.727	.444	1.638
28	CLOQUET	94.	.447	.323	1.386	.503	.511	.984
29	MINNEAPO	1.	.197	.143	1.382	.292	.204	1.427
30	STEPHEN	443.	.833	.603	1.381	1.500	1.483	1.012
31	ROSEAU	682.	.300	.217	1.381	.544	.229	2.377
32	THIEF RI	564.	.617	.450	1.372	1.007	.737	1.367
33	PLAINVIE	810.	.756	.553	1.365	1.484	.981	1.514
34	HOUSTON	294.	.675	.495	1.363	1.125	.914	1.230
35	SLEEPY E	84.	.734	.540	1.358	1.065	.935	1.138
36	PARKERS	547.	.948	.699	1.356	1.254	1.184	1.058
37	BURNSVIL	191.	.338	.250	1.353	.367	.280	1.307
38	HALSTAD	524.	.511	.379	1.347	.880	.701	1.256
39	ROSEMOUN	196.	.729	.542	1.345	.981	.706	1.389
40	BEMIDJI	31.	.478	.356	1.343	.727	.500	1.455
41	MINNETON	276.	.395	.295	1.338	.526	.490	1.074
42	ALBANY	745.	.637	.479	1.329	1.228	.770	1.596
43	KERKHOVE	775.	.769	.579	1.329	1.104	.851	1.297
44	HOPKINS	270.	.746	.562	1.328	.858	.706	1.216
45	ROCHESTE	535.	.258	.194	1.327	.272	.124	2.190
46	FARIBAUL	656.	.809	.610	1.326	.825	.631	1.309
47	INTERNAT	361.	.593	.447	1.325	1.047	.709	1.476
48	CALEDONI	299.	.756	.574	1.317	1.407	.952	1.477
49	AITKIN	1.	.530	.406	1.307	.950	.648	1.467
50	NORTH BR	138.	.465	.356	1.307	.725	.634	1.144
51	WILLMAR	347.	.586	.452	1.297	.777	.538	1.444

ASE-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
52	GAYLORD	732.	.676	.521	1.297	1.162	.679	1.712
53	DILWORTH	147.	.493	.380	1.296	.627	.652	.961
54	HAYFIELD	203.	.611	.472	1.294	1.139	.831	1.372
55	PRINCETO	477.	.662	.512	1.294	.950	.679	1.398
56	MARIETTA	376.	.667	.516	1.292	1.083	.774	1.399
57	FOLEY	51.	.294	.228	1.290	.570	.469	1.215
58	DEER RIV	317.	.687	.534	1.287	1.173	.809	1.449
59	BIWABIK	693.	.546	.426	1.283	.829	.603	1.375
60	ST. PAUL	625.	.243	.190	1.283	.355	.279	1.275
61	TYLER	409.	.604	.471	1.283	.910	.529	1.719
62	REMER	118.	.677	.528	1.282	1.331	.750	1.774
63	SPRING L	16.	.530	.414	1.282	.802	.495	1.621
64	WATERVIL	395.	.716	.560	1.280	1.356	1.012	1.340
65	LAKEVILL	194.	.555	.438	1.266	.908	.679	1.337
66	MOOSE LA	97.	.838	.663	1.265	1.260	1.043	1.208
67	OSSEO	279.	.469	.371	1.263	.694	.578	1.200
68	WESTONKA	277.	.398	.315	1.262	.720	.535	1.346
69	NEW PRAG	721.	.707	.560	1.262	1.222	.916	1.334
70	MORA	332.	.654	.519	1.261	1.082	.778	1.390
71	KIESTER	222.	.774	.614	1.259	1.488	1.036	1.436
72	WABASHA	811.	.638	.507	1.258	1.148	.883	1.300
73	ST. CLOU	742.	.349	.278	1.256	.603	.414	1.456
74	CHATFIEL	227.	.718	.571	1.256	1.381	1.075	1.285
75	TRUMAN	458.	.519	.413	1.254	.889	.519	1.712
76	HASTINGS	200.	.698	.561	1.245	.976	.674	1.447
77	SAUK RAP	47.	.486	.391	1.244	.895	.733	1.222
78	WANAMING	258.	.792	.638	1.242	1.000	1.029	.972
79	MOUNDS V	621.	.354	.286	1.240	.552	.436	1.267
80	NORTH ST	622.	.539	.435	1.239	.755	.606	1.246
81	DULUTH	709.	.301	.243	1.237	.420	.403	1.042
82	MABEL-CA	238.	.752	.611	1.231	1.330	1.078	1.234
83	WASECA	829.	.598	.486	1.230	1.000	.916	1.092
84	LAKE PAR	24.	.620	.506	1.227	.970	.753	1.288
85	GRACEVIL	60.	.449	.368	1.223	.865	.624	1.387
86	SILVER L	425.	.701	.574	1.221	1.309	1.050	1.248
87	DAWSON	378.	.404	.331	1.220	.795	.446	1.782
88	FAIRFAX	649.	.923	.757	1.219	1.590	1.571	1.012
89	WINTHROP	735.	.583	.478	1.219	1.040	.919	1.131
90	CHISHOLM	695.	.657	.540	1.217	.926	.684	1.354
91	PINE CIT	578.	.528	.436	1.210	.954	.829	1.151
92	EDGERTON	581.	.594	.492	1.207	1.016	.787	1.291
93	BROWERVI	787.	.748	.620	1.207	1.094	.802	1.364
94	EDINA	273.	.377	.312	1.205	.628	.519	1.209
95	PROCTOR	704.	.537	.446	1.204	.827	.676	1.224
96	ELBOW LA	263.	.740	.617	1.200	1.415	.950	1.489
97	STEWARTV	534.	.576	.483	1.194	1.101	.844	1.304
98	MORRISTO	657.	.661	.554	1.193	1.232	1.081	1.140
99	ANOKA	11.	.342	.287	1.192	.486	.369	1.317
100	CHISAGO	141.	.547	.462	1.185	.872	.802	1.087
101	HUTCHINS	423.	.597	.504	1.184	1.097	.683	1.606
102	DOVER-EY	533.	.663	.561	1.183	1.269	1.069	1.187

CASE-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
103	BLOOMING	271.	.366	.310	1.182	.503	.374	1.344
104	OGILVIE	333.	.714	.604	1.182	1.143	1.115	1.025
105	CHASKA	112.	.492	.416	1.181	.800	.640	1.251
106	FOREST L	831.	.516	.437	1.181	.786	.539	1.460
107	OWATONNA	761.	.498	.422	1.180	.827	.667	1.240
108	PINE RIV	117.	.676	.573	1.179	1.330	1.055	1.260
109	LITCHFIE	465.	.613	.523	1.172	.988	.790	1.250
110	DASSEL-C	466.	.609	.520	1.171	1.121	.866	1.295
111	ONAMIA	480.	.641	.550	1.167	1.218	.870	1.399
112	HERMAN	264.	.939	.806	1.166	1.803	1.478	1.220
113	ULEN-HIT	914.	.709	.609	1.165	.965	.946	1.021
114	HENNING	545.	.885	.760	1.164	1.549	1.289	1.201
115	HARMONY	228.	.759	.652	1.164	1.455	1.326	1.097
116	MORGAN	636.	.735	.634	1.160	1.284	1.059	1.212
117	HECTOR	651.	.656	.568	1.154	1.301	1.068	1.218
118	STILLWAT	834.	.785	.682	1.151	.857	.663	1.292
119	NEW ULM	88.	.549	.478	1.150	.964	.728	1.323
120	LUVERNE	670.	.705	.615	1.145	1.125	1.006	1.117
121	ALBERT L	241.	.442	.386	1.145	.825	.559	1.476
122	NEW YORK	553.	.688	.601	1.144	1.330	1.006	1.322
123	WADENA	819.	.653	.572	1.142	1.114	.987	1.129
124	ALEXANDR	206.	.585	.513	1.141	1.012	.848	1.194
125	LEROY	499.	.712	.625	1.138	.923	.865	1.068
126	KELLIHER	36.	.418	.367	1.138	.821	.776	1.059
127	SPRING V	237.	.527	.463	1.137	.704	.701	1.004
128	NEW LOND	345.	.696	.613	1.136	1.177	1.040	1.132
129	GRYGLA	447.	.657	.580	1.133	.743	.760	.977
130	HIBBING	701.	.466	.412	1.132	.808	.576	1.403
131	CROMWELL	95.	.695	.614	1.132	1.378	1.400	.984
132	LAKE BEN	404.	.844	.746	1.131	1.641	1.441	1.139
133	LESUEUR	393.	.711	.629	1.130	1.378	1.081	1.275
134	GRANITE	894.	.620	.549	1.129	1.096	1.006	1.090
135	DELANO	879.	.611	.542	1.129	1.114	.889	1.253
136	MOUNTAIN	712.	.429	.380	1.128	.511	.800	.639
137	CLIMAX	592.	.706	.627	1.125	1.255	1.235	1.016
138	KENYON	254.	.879	.791	1.112	1.475	1.395	1.057
139	CANNON F	252.	.634	.572	1.107	1.099	.990	1.109
140	NICOLLET	507.	.837	.756	1.106	1.385	1.256	1.102
141	NORTHFIE	659.	.595	.539	1.103	1.072	.77	1.391
142	AURORA	691.	.543	.493	1.101	.918	.692	1.326
143	ST. LOUI	283.	.583	.531	1.098	.712	.580	1.228
144	ST. MICH	885.	.648	.591	1.097	1.265	.919	1.376
145	HERON LA	330.	.783	.716	1.094	1.538	1.309	1.175
146	HERMANTO	700.	.637	.583	1.092	1.087	.955	1.138
147	MANKATO	77.	.688	.631	1.091	.957	.795	1.204
148	OLIVIA	653.	.541	.497	1.089	.971	.879	1.104
149	FAIRMONT	454.	.626	.576	1.087	1.202	.973	1.235
150	JANESVIL	830.	.840	.777	1.082	1.542	1.192	1.293
151	WAYZATA	284.	.384	.357	1.078	.602	.595	1.012
152	RUSH CIT	139.	.753	.699	1.077	1.500	1.046	1.434
153	NASHWAUK	319.	.507	.472	1.076	.995	.632	1.574

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CASE-NO	NAME1	DNUM1	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
154	HINCKLEY	573.	.634	.589	1.076	1.253	1.163	1.077
155	HENDERSO	734.	.656	.610	1.076	.844	1.220	.691
156	WACONIA	110.	.620	.577	1.073	1.046	.616	1.697
157	VIRGINIA	706.	.520	.486	1.069	.865	.608	1.423
158	MAHTOMED	832.	.387	.364	1.063	.693	.567	1.222
159	APPLETON	784.	.740	.698	1.061	1.364	.960	1.421
160	FARMINGT	192.	.570	.538	1.059	1.028	.837	1.229
161	TWIN VAL	526.	.948	.896	1.058	1.766	1.532	1.153
162	EDEN PRA	272.	.580	.548	1.058	.750	.684	1.097
163	PAYNESVI	741.	.637	.602	1.057	1.209	.932	1.297
164	EAST GRA	595.	.636	.604	1.053	.998	.705	1.416
165	REDWOOD	637.	.649	.618	1.050	1.221	.962	1.268
166	MELROSE	740.	.506	.482	1.049	.738	.871	.848
167	ST. FRAN	15.	.319	.305	1.045	.590	.525	1.123
168	BELLE PL	716.	.559	.537	1.041	1.113	.966	1.153
169	WEST ST.	197.	.463	.445	1.040	.803	.652	1.232
170	SHERBURN	456.	.718	.690	1.039	1.336	1.008	1.325
171	ZUMBROTA	260.	.669	.644	1.039	1.194	.811	1.473
172	BLUE EAR	240.	.668	.643	1.039	1.321	1.087	1.215
173	SHAKOPEE	720.	.401	.387	1.037	.537	.430	1.249
174	BARNESVI	146.	.634	.611	1.037	1.249	1.062	1.176
175	BERTHA-H	786.	.636	.614	1.036	1.258	.895	1.404
176	NEVIS	308.	.650	.629	1.033	1.112	1.000	1.112
177	WOOD LAK	896.	.894	.867	1.031	1.409	1.450	.972
178	ROYALTON	485.	.682	.662	1.030	1.300	1.115	1.166
179	LA CRESC	300.	.601	.586	1.026	1.116	.872	1.279
180	INVER GR	199.	.446	.438	1.020	.865	.691	1.251
181	ST. CLAI	75.	.624	.614	1.017	1.139	.886	1.285
182	LITTLE F	482.	.554	.547	1.012	1.077	.805	1.337
183	BACKUS	114.	.519	.515	1.009	.792	.632	1.253
184	BRAHAM	314.	.601	.599	1.003	1.076	1.021	1.054
185	LYLE	497.	.534	.535	.999	.904	1.326	.682
186	COMFREY	81.	.647	.649	.997	.980	1.035	.947
187	ST. ANTH	282.	.650	.656	.991	1.205	.912	1.322
188	HILL CIT	2.	.462	.468	.989	.825	.855	.965
189	AUSTIN	492.	.585	.594	.985	.760	.684	1.111
190	SAUK CEN	743.	.525	.534	.984	.880	.751	1.172
191	BARNUM	91.	.557	.570	.978	.972	.987	.985
192	COOK COU	166.	.524	.538	.975	.888	.652	1.363
193	EVELETH	697.	.782	.807	.970	1.306	1.348	.969
194	ROTHSAY	850.	.588	.607	.970	1.059	.754	1.404
195	BELVIEW	631.	.750	.774	.969	1.306	1.323	.987
196	DODGE CE	202.	.549	.570	.963	.845	.983	.859
197	ST. CHAR	858.	.583	.613	.951	1.120	.923	1.214
198	CENTENNI	12.	.475	.500	.950	.696	.578	1.204
199	HILLS-BE	671.	.653	.689	.948	1.190	1.333	.893
200	LANCASTE	356.	.891	.950	.938	1.239	1.400	.885
201	ST. LOUI	710.	.354	.380	.930	.669	.718	.932
202	NEWFOLDE	441.	.696	.764	.910	1.226	1.539	.797
203	EVANSVIL	208.	.533	.586	.910	1.000	.948	1.055
204	WABASSO	640.	.633	.701	.904	.833	1.291	.645

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CASE-NO    NAME1      DNUM1    MRATE1    FRATE1     COMP1    MRATE2    FRATE2     COMP2

    205  WATERTOW      111.      .648      .722      .897     1.159     1.151     1.007
    206  SOUTHLAN      500.      .725      .809      .895     1.317     1.313     1.003
    207  SANDSTON      576.      .301      .338      .889      .516      .485     1.064
    208  BUFFALO       877.      .523      .601      .870      .762      .865      .881
    209  SARTELL       748.      .624      .734      .851     1.233     1.304      .946
    210  MOORHEAD      152.      .633      .754      .840      .759      .851      .892
    211  ORONO         278.      .498      .615      .809      .958      .923     1.038
    212  ELMORE        219.      .569      .735      .773     1.059     1.618      .655
    213  HOWARD L      880.      .443      .574      .772      .849     1.059      .802
    214  GILBERT       699.      .395      .537      .737      .591      .956      .618
    215  BABBITT       692.      .380      .523      .728      .718      .685     1.049
    216  OSLO          442.      .505      .697      .725      .791      .929      .851
    217  ROBBINSD      281.      .406      .580      .701      .609      .534     1.140
    218  JASPER        582.      .492      .791      .622      .852     1.512      .564
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APPENDIX E

Male and Female Athletic Participation Rates and Comparisons

391 Districts Ranked by Comparison of Total Participation

APPENDIX E

(Ranked by COMP 2)

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
1	MOUNTAIN	173.	210.	.689	.542	1.272	2.019	.738	2.735
2	FINLAYSO	570.	117.	.741	.475	1.562	1.190	.475	2.507
3	ROSEAU	682.	545.	.300	.217	1.381	.544	.229	2.377
4	BIG LAKE	727.	461.	1.017	.887	1.146	1.252	.537	2.333
5	STRANDQU	444.	38.	.944	.450	2.099	1.500	.650	2.308
6	ROCHESTE	535.	5611.	.258	.194	1.327	.272	.124	2.190
7	COLD SPR	750.	1006.	.321	.306	1.049	.724	.342	2.120
8	RUSHFORD	234.	286.	.734	.561	1.309	1.610	.773	2.084
9	UNDERWOO	550.	185.	.494	.292	1.688	.835	.406	2.059
10	EDEN VAL	463.	397.	.565	.667	.848	1.247	.638	1.954
11	MIDDLE R	440.	109.	1.133	.703	1.612	2.200	1.141	1.929
12	VERNDALE	818.	173.	.500	.429	1.167	1.012	.549	1.842
13	ASHBY	261.	139.	1.859	1.029	1.806	1.859	1.029	1.806
14	DAWSON	378.	312.	.404	.331	1.220	.795	.446	1.782
15	REMER	118.	277.	.677	.528	1.282	1.331	.750	1.774
16	KENNEDY	354.	62.	.879	.655	1.341	1.758	1.000	1.758
17	CHOKIO-A	771.	153.	.313	.186	1.687	.867	.500	1.735
18	VILLARD	615.	98.	.696	.769	.904	.696	.404	1.723
19	RED LAKE	38.	382.	.290	.198	1.466	.700	.407	1.722
20	TYLER	409.	230.	.604	.471	1.283	.910	.529	1.719
21	GAYLORD	732.	282.	.676	.521	1.297	1.162	.679	1.712
22	TRUMAN	458.	212.	.519	.413	1.254	.889	.519	1.712
23	WACONIA	110.	589.	.620	.577	1.073	1.046	.616	1.697
24	CASS LAK	115.	339.	1.006	.597	1.686	1.006	.597	1.686
25	CROSBY	182.	647.	.256	.211	1.214	1.222	.731	1.672
26	LAKE CIT	813.	625.	.210	.231	.907	1.318	.791	1.667
27	GLYNDON	145.	282.	.595	.424	1.405	1.115	.669	1.666
28	RED LAKE	630.	250.	.492	.352	1.396	.883	.533	1.657
29	ESKO	99.	417.	.528	.352	1.500	1.050	.638	1.646
30	GRAND RA	318.	2099.	.445	.320	1.389	.727	.444	1.638
31	FERGUS F	544.	1353.	.528	.376	1.404	.803	.492	1.632
32	WARREN	446.	270.	.934	.684	1.366	1.869	1.150	1.624
33	SPRING L	16.	1678.	.530	.414	1.282	.802	.495	1.621
34	SOUTH ST	6.	1386.	.537	.328	1.638	.943	.583	1.618
35	CLAREMON	201.	97.	.582	.500	1.164	1.309	.810	1.617
36	WALKER	119.	430.	.692	.466	1.486	1.076	.667	1.614
37	HUTCHINS	423.	1282.	.597	.504	1.184	1.097	.683	1.606
38	DANUBE	648.	129.	1.211	.792	1.529	2.386	1.486	1.606
39	PLUMMER	628.	102.	.708	.463	1.530	1.188	.741	1.603
40	PIPESTON	583.	584.	.432	.306	1.415	1.196	.747	1.602
41	BRECKENR	846.	417.	.840	.525	1.600	.840	.525	1.600
42	ALBANY	745.	737.	.637	.479	1.329	1.228	.770	1.596
43	BRAINERD	181.	2759.	.513	.344	1.490	.715	.452	1.583
44	BAGLEY	162.	583.	.503	.526	.957	1.034	.654	1.581
45	HENDRICK	402.	128.	.712	.684	1.040	2.327	1.474	1.579
46	NASHWAUK	319.	394.	.507	.472	1.076	.995	.632	1.574
47	LITTLEFO	362.	166.	.732	.505	1.450	1.324	.842	1.572
48	BADGER	676.	101.	1.176	.700	1.681	1.529	.980	1.561
49	EAGLE BE	790.	291.	.609	.496	1.227	1.410	.904	1.561
50	BELLINGH	371.	79.	1.182	.886	1.334	2.227	1.429	1.559
51	HOLDINGF	738.	448.	.584	.485	1.205	1.317	.846	1.557

ASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
52	EMMONS	243.	75.	1.444	.933	1.548	1.444	.933	1.548
53	WARROAD	690.	464.	.745	.507	1.470	1.453	.940	1.546
54	GLENWOOD	612.	438.	.758	.544	1.393	1.700	1.102	1.542
55	BECKER	726.	384.	.701	.629	1.113	1.529	.995	1.537
56	GARY	523.	92.	.304	.304	1.000	1.196	.783	1.528
57	COLUMBIA	13.	1503.	.310	.256	1.211	.667	.439	1.519
58	PLAINVIE	810.	427.	.756	.553	1.365	1.484	.981	1.514
59	UPSALA	487.	194.	.593	.558	1.062	1.407	.930	1.513
60	ORTONVIL	62.	342.	.634	.416	1.525	1.012	.674	1.501
61	PINE ISL	255.	458.	.431	.301	1.430	.854	.571	1.495
62	IVANHOE	403.	168.	1.000	.741	1.350	1.310	.877	1.495
63	ELBOW LA	263.	243.	.740	.617	1.200	1.415	.950	1.489
64	TOWER-SO	708.	147.	.303	.268	1.131	.921	.620	1.486
65	CALEDONI	299.	418.	.756	.574	1.317	1.407	.952	1.477
66	ALBERT L	241.	1959.	.442	.386	1.145	.825	.559	1.476
67	INTERNAT	361.	996.	.593	.447	1.325	1.047	.709	1.476
68	ZUMBROTA	260.	271.	.669	.644	1.039	1.194	.811	1.473
69	SPRING G	297.	214.	1.104	.750	1.472	1.104	.750	1.472
70	AITKIN	1.	523.	.530	.406	1.307	.950	.648	1.467
71	FOREST L	831.	3095.	.516	.437	1.181	.786	.539	1.460
72	BRANDON	207.	180.	.726	.388	1.871	1.305	.894	1.460
73	GONVICK	158.	102.	.417	.286	1.458	.417	.286	1.458
74	NEW RICH	827.	245.	.984	.966	1.018	2.254	1.546	1.458
75	ST. CLOU	742.	4780.	.349	.278	1.256	.603	.414	1.456
76	BEMIDJI	31.	2255.	.478	.356	1.343	.727	.500	1.455
77	JACKSON	324.	455.	.665	.419	1.588	1.235	.850	1.453
78	DEER RIV	317.	450.	.687	.534	1.287	1.173	.809	1.449
79	WHEATON	803.	225.	0	0	0	1.832	1.264	1.449
80	HASTINGS	200.	2194.	.698	.561	1.245	.976	.674	1.447
81	WILLMAR	347.	2050.	.586	.452	1.297	.777	.538	1.444
82	STARBUCK	614.	181.	.641	.528	1.214	1.326	.921	1.439
83	HAWLEY	150.	340.	.730	.658	1.109	1.476	1.026	1.439
84	KIESTER	222.	167.	.774	.614	1.259	1.488	1.036	1.436
85	COTTONWO	412.	195.	.689	.596	1.156	1.500	1.045	1.435
86	RUSH CIT	139.	343.	.753	.699	1.077	1.500	1.046	1.434
87	BLACKDUC	32.	360.	.511	.517	.988	1.038	.727	1.427
88	WHITE BE	624.	3322.	.569	.513	1.109	.447	.313	1.427
89	MINNEAPO	1.	15681.	.197	.143	1.382	.292	.204	1.427
90	MARSHALL	413.	1024.	.907	.644	1.409	.898	.630	1.425
91	MONTEVID	129.	722.	.655	.504	1.300	1.345	.944	1.424
92	VIRGINIA	706.	1066.	.520	.486	1.069	.865	.608	1.423
93	RICHFIEL	280.	1914.	.756	.532	1.422	.756	.532	1.422
94	APPLETON	784.	303.	.740	.698	1.061	1.364	.960	1.421
95	LEWISTON	857.	352.	.756	.628	1.203	1.544	1.087	1.421
96	PIERZ	484.	521.	.406	.384	1.056	1.226	.863	1.421
97	EAST GRA	595.	815.	.636	.604	1.053	.998	.705	1.416
98	LAKEFIEL	325.	211.	1.273	1.054	1.208	2.747	1.946	1.412
99	MAHNOMEN	432.	375.	.655	.017	38.853	1.411	1.000	1.411
100	MORRIS	769.	557.	.583	.452	1.291	1.420	1.007	1.410
101	SWANVILL	486.	206.	1.475	1.048	1.408	1.475	1.048	1.408
102	BERTHA-H	786.	285.	.636	.614	1.036	1.258	.895	1.404

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
103	ROTHSAY	850.	112.	.588	.607	.970	1.059	.754	1.404
104	HIBBING	701.	1639.	.466	.412	1.132	.808	.576	1.403
105	BYRON	531.	498.	.745	.580	1.284	1.533	1.095	1.401
106	WORTHING	518.	1094.	.878	.598	1.468	.824	.588	1.400
107	MARIETTA	376.	43.	.667	.516	1.292	1.083	.774	1.399
108	ONAMIA	480.	301.	.641	.550	1.167	1.218	.870	1.399
109	PRINCETO	477.	1132.	.662	.512	1.294	.950	.679	1.398
110	MONTICEL	882.	1226.	.605	.433	1.396	1.099	.788	1.394
111	NORTHFIE	659.	1349.	.595	.539	1.103	1.072	.771	1.391
112	MORA	332.	723.	.654	.519	1.261	1.082	.778	1.390
113	ROSEMOUN	196.	7636.	.729	.542	1.345	.981	.706	1.389
114	GRACEVIL	60.	206.	.449	.368	1.223	.865	.624	1.387
115	BATTLE L	542.	221.	.765	.726	1.053	1.661	1.198	1.386
116	CAMBRIDG	911.	1688.	.502	.446	1.126	1.005	.726	1.384
117	HALLOCK	351.	142.	.846	.740	1.143	1.846	1.338	1.380
118	ST. MICH	885.	546.	.648	.591	1.097	1.265	.919	1.376
119	FRIDLEY	14.	1146.	.317	.220	1.441	.523	.380	1.376
120	ATWATER	341.	198.	.717	.481	1.491	1.207	.877	1.375
121	BIWABIK	693.	293.	.546	.426	1.283	.829	.603	1.375
122	PARK RAP	309.	932.	1.004	.933	1.077	1.119	.816	1.372
123	HAYFIELD	203.	456.	.611	.472	1.294	1.139	.831	1.372
124	ST. JAME	840.	526.	1.240	.904	1.371	1.240	.904	1.371
125	THIEF RI	564.	1129.	.617	.450	1.372	1.007	.737	1.367
126	BROWERVI	787.	260.	.748	.620	1.207	1.094	.802	1.364
127	ASKOV	566.	221.	.605	.430	1.408	1.070	.785	1.363
128	COOK COU	166.	275.	.524	.538	.975	.888	.652	1.363
129	MEDFORD	763.	236.	.661	.530	1.246	1.512	1.113	1.359
130	CROOKSTO	593.	849.	.503	.450	1.118	1.054	.776	1.358
131	TRACY	417.	421.	.796	.626	1.273	1.615	1.190	1.357
132	ALDEN	242.	159.	.750	.542	1.383	1.553	1.145	1.357
133	SLAYTON	504.	308.	.623	.596	1.046	1.346	.993	1.355
134	CHISHOLM	695.	479.	.657	.540	1.217	.926	.684	1.354
135	KARLSTAD	353.	172.	.828	.671	1.234	1.701	1.259	1.351
136	BROOTEN	737.	224.	1.142	.847	1.348	1.142	.847	1.348
137	WESTBROO	175.	167.	1.012	.867	1.167	1.786	1.325	1.347
138	WESTONKA	277.	1028.	.398	.315	1.262	.720	.535	1.346
139	BLOOMING	271.	5118.	.366	.310	1.182	.503	.374	1.344
140	CAMPBELL	852.	86.	.932	.762	1.223	2.045	1.524	1.342
141	WATERVIL	395.	376.	.716	.560	1.280	1.356	1.012	1.340
142	BROWNTON	421.	176.	.809	.759	1.066	1.663	1.241	1.340
143	FERTILE	599.	237.	.676	.561	1.205	1.489	1.112	1.339
144	LAKEVILL	194.	1675.	.555	.438	1.266	.908	.679	1.337
145	LITTLE F	482.	1487.	.554	.547	1.012	1.077	.805	1.337
146	NEW PRAG	721.	884.	.707	.560	1.262	1.222	.916	1.334
147	GRAND ME	495.	156.	.684	.623	1.097	1.519	1.143	1.329
148	LAKE OF	390.	272.	.608	.550	1.105	1.350	1.016	1.329
149	AURORA	691.	542.	.543	.493	1.101	.918	.692	1.326
150	SHERBURN	456.	257.	.718	.690	1.039	1.336	1.008	1.325
151	FOSSTON	601.	369.	1.151	.869	1.324	1.151	.869	1.324
152	NEW ULM	88.	1159.	.549	.478	1.150	.964	.728	1.323
153	NEW YORK	553.	349.	.688	.601	1.144	1.330	1.006	1.322

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
154	ST. ANTH	282.	415.	.650	.656	.991	1.205	.912	1.322
155	PERHAM	549.	654.	.196	.149	1.321	.927	.703	1.320
156	LONG PRA	792.	530.	1.176	.891	1.320	1.176	.891	1.320
157	ELY	696.	387.	.411	.528	.778	1.085	.822	1.320
158	ANOKA	11.	14275.	.342	.287	1.192	.486	.369	1.317
159	FARIBAUL	656.	1861.	.809	.610	1.326	.825	.631	1.309
160	LECENTER	392.	287.	.743	.705	1.054	1.581	1.209	1.308
161	BURNSVIL	191.	4078.	.338	.250	1.353	.367	.280	1.307
162	SPRINGFI	85.	308.	.599	.596	1.005	1.280	.980	1.306
163	STEWARTV	534.	693.	.576	.483	1.194	1.101	.844	1.304
164	OKLEE	627.	149.	.452	.600	.754	1.202	.923	1.303
165	LAKE CRY	70.	311.	.390	.312	1.248	1.019	.783	1.301
166	WABASHA	811.	415.	.638	.507	1.258	1.148	.883	1.300
167	KERKHOVE	775.	255.	.769	.579	1.329	1.104	.851	1.297
168	PAYNESVI	741.	557.	.637	.602	1.057	1.209	.932	1.297
169	DASSEL-C	466.	806.	.609	.520	1.171	1.121	.866	1.295
170	CLARKFIE	892.	191.	.819	.804	1.019	1.787	1.381	1.294
171	JANESVIL	830.	274.	.840	.777	1.082	1.542	1.192	1.293
172	STILLWAT	834.	3597.	.785	.682	1.151	.857	.663	1.292
173	EDGERTON	581.	125.	.594	.492	1.207	1.016	.787	1.291
174	JORDAN	717.	489.	0	0	0	.883	.685	1.290
175	LAKE PAR	24.	340.	.620	.506	1.227	.970	.753	1.288
176	CHATFIEL	227.	349.	.718	.571	1.256	1.381	1.075	1.285
177	ST. CLAI	75.	189.	.624	.614	1.017	1.139	.886	1.285
178	LAMBERTO	633.	234.	1.023	.618	1.656	1.242	.971	1.280
179	LA CRESC	300.	649.	.601	.586	1.026	1.116	.872	1.279
180	FULDA	505.	248.	.583	.541	1.077	1.381	1.083	1.276
181	ST. PAUL	625.	13754.	.243	.190	1.283	.355	.279	1.275
182	LESUEUR	393.	497.	.711	.629	1.130	1.378	1.081	1.275
183	HANCOCK	768.	142.	.671	.667	1.006	1.695	1.333	1.271
184	WELLS	224.	344.	.788	.685	1.150	1.754	1.382	1.269
185	REDWOOD	637.	654.	.649	.618	1.050	1.221	.962	1.268
186	COSMOS	461.	127.	.797	.588	1.354	1.678	1.324	1.268
187	MOUNDS V	621.	4934.	.354	.286	1.240	.552	.436	1.267
188	MOTLEY	483.	312.	.456	.429	1.063	1.141	.902	1.265
189	ROUND LA	516.	195.	.410	.326	1.256	1.450	1.147	1.264
190	ELLSWORT	514.	89.	.911	.818	1.114	1.867	1.477	1.264
191	GLENVILL	245.	209.	1.518	1.202	1.263	1.518	1.202	1.263
192	OSAKIS	213.	312.	0	0	0	1.007	.798	1.262
193	PINE RIV	117.	343.	.676	.573	1.179	1.330	1.055	1.260
194	FRAZEE	23.	565.	.490	.475	1.032	1.033	.820	1.260
195	HALSTAD	524.	179.	.511	.379	1.347	.880	.701	1.256
196	SOUTH WA	833.	4381.	.215	.173	1.244	.464	.369	1.256
197	WINONA	861.	2156.	.527	.509	1.035	.381	.304	1.254
198	BACKUS	114.	145.	.519	.515	1.009	.792	.632	1.253
199	DELANO	879.	711.	.611	.542	1.129	1.114	.889	1.253
200	RENVILLE	654.	244.	.571	.492	1.163	1.325	1.059	1.251
201	INVER GR	199.	1432.	.446	.438	1.020	.865	.691	1.251
202	CHASKA	112.	1659.	.492	.416	1.181	.800	.640	1.251
203	ADRIAN	511.	238.	.571	.489	1.169	1.505	1.203	1.251
204	LITCHFIE	465.	920.	.613	.523	1.172	.988	.790	1.250

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
205	SHAKOPEE	720.	1103.	.401	.387	1.037	.537	.430	1.249
206	SILVER L	425.	198.	.701	.574	1.221	1.309	1.050	1.248
207	CLEARBRO	161.	180.	.376	.368	1.023	.860	.690	1.247
208	NORTH ST	622.	3853.	.539	.435	1.239	.755	.606	1.246
209	OWATONNA	761.	1802.	.498	.422	1.180	.827	.667	1.240
210	RANDOLPH	195.	175.	.603	.510	1.182	1.288	1.039	1.239
211	FAIRMONT	454.	955.	.626	.576	1.087	1.202	.973	1.235
212	MABEL-CA	238.	199.	.752	.611	1.231	1.330	1.078	1.234
213	WEST ST.	197.	1876.	.463	.445	1.040	.803	.652	1.232
214	HOUSTON	294.	225.	.675	.495	1.363	1.125	.914	1.230
215	FARMINGT	192.	938.	.570	.538	1.059	1.028	.837	1.229
216	DETROIT	22.	1198.	.487	.488	.999	1.010	.822	1.229
217	CLARA CI	126.	393.	1.368	1.198	1.142	1.209	.984	1.228
218	ST. LOUI	283.	1840.	.583	.531	1.098	.712	.580	1.228
219	GREY EAG	791.	129.	.508	.563	.903	1.015	.828	1.226
220	PROCTOR	704.	1030.	.537	.446	1.204	.827	.676	1.224
221	MAHTOMED	832.	804.	.387	.364	1.063	.693	.567	1.222
222	SAUK RAP	47.	1054.	.486	.391	1.244	.895	.733	1.222
223	HERMAN	264.	133.	.939	.806	1.166	1.803	1.478	1.220
224	ARLINGTO	731.	394.	.560	.500	1.119	1.289	1.057	1.220
225	HECTOR	651.	181.	.656	.568	1.154	1.301	1.068	1.218
226	MAZEPPA	809.	150.	0	0	0	1.867	1.533	1.217
227	NORWOOD	108.	444.	0	0	0	1.189	.977	1.217
228	HOPKINS	270.	3066.	.746	.562	1.328	.858	.706	1.216
229	BLUE EAR	240.	685.	.668	.643	1.039	1.321	1.087	1.215
230	FOLEY	51.	773.	.294	.228	1.290	.570	.469	1.215
231	ST. CHAR	858.	410.	.583	.613	.951	1.120	.923	1.214
232	MORGAN	636.	203.	.735	.634	1.160	1.284	1.059	1.212
233	ROCKFORD	883.	500.	1.105	1.016	1.088	1.105	.913	1.211
234	KASSON-M	204.	553.	.597	.500	1.194	1.253	1.036	1.210
235	EDINA	273.	2520.	.377	.312	1.205	.628	.519	1.209
236	MOOSE LA	97.	336.	.838	.663	1.265	1.260	1.043	1.208
237	BUTTERFI	836.	128.	.657	.552	1.191	1.686	1.397	1.207
238	CENTENNI	12.	1476.	.475	.500	.950	.696	.578	1.204
239	MANKATO	77.	2890.	.688	.631	1.091	.957	.795	1.204
240	STEWART	426.	133.	.775	.742	1.044	1.648	1.371	1.202
241	TRIMONT	457.	152.	.160	.299	.536	.733	.610	1.201
242	HENNING	545.	234.	.885	.760	1.164	1.549	1.289	1.201
243	OSSEO	279.	7597.	.469	.371	1.263	.694	.578	1.200
244	MADISON	377.	261.	.804	.731	1.099	1.614	1.352	1.194
245	ALEXANDR	206.	1711.	.585	.513	1.141	1.012	.848	1.194
246	MENAHGA	821.	291.	.452	.390	1.159	1.000	.838	1.193
247	DEER CRE	543.	103.	1.453	1.220	1.191	1.453	1.220	1.191
248	WINDOM	177.	557.	1.256	1.057	1.188	1.256	1.057	1.188
249	DOVER-EY	533.	366.	.663	.561	1.183	1.269	1.069	1.187
250	MADELIA	837.	296.	.556	.560	.993	1.469	1.239	1.186
251	BROWNS V	801.	143.	.441	.293	1.504	.632	.533	1.186
252	ST. PETE	508.	827.	.257	.263	.979	1.269	1.077	1.178
253	BARNESVI	146.	406.	.634	.611	1.037	1.249	1.062	1.176
254	BLOOMING	756.	422.	.700	.634	1.105	1.479	1.259	1.175
255	HERON LA	330.	187.	.783	.716	1.094	1.538	1.309	1.175

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
256	SAUK CEN	743.	713.	.525	.534	.984	.880	.751	1.172
257	GREENBUS	678.	181.	1.130	1.011	1.118	1.185	1.011	1.172
258	ADA	521.	253.	.587	.614	.956	1.317	1.126	1.170
259	FREEBORN	244.	85.	.943	.760	1.241	1.914	1.640	1.167
260	ROYALTON	485.	327.	.682	.662	1.030	1.300	1.115	1.166
261	ROSEVILL	623.	2721.	.274	.292	.940	.594	.510	1.166
262	ARGYLE	437.	130.	.794	.567	1.399	1.460	1.254	1.165
263	CHANDLER	918.	101.	.490	.615	.796	1.163	1.000	1.163
264	MILACA	912.	723.	.487	.349	1.395	1.073	.927	1.158
265	CANBY	891.	344.	.534	.639	.837	1.074	.929	1.156
266	BELLE PL	716.	389.	.559	.537	1.041	1.113	.966	1.153
267	TWIN VAL	526.	154.	.948	.896	1.058	1.766	1.532	1.153
268	PINE CIT	578.	754.	.528	.436	1.210	.954	.829	1.151
269	CLEVELAN	391.	210.	.740	.609	1.215	1.480	1.291	1.146
270	NORTH BR	138.	1060.	.465	.356	1.307	.725	.634	1.144
271	ROBBINSD	281.	6117.	.406	.580	.701	.609	.534	1.140
272	WAUBUN	435.	300.	1.108	.451	2.457	.867	.761	1.140
273	MORRISTO	657.	130.	.661	.554	1.193	1.232	1.081	1.140
274	LAKE BEN	404.	123.	.844	.746	1.131	1.641	1.441	1.139
275	HERMANTO	700.	688.	.637	.583	1.092	1.087	.955	1.138
276	SLEEPY E	84.	278.	.734	.540	1.358	1.065	.935	1.138
277	ELK RIVE	728.	2652.	.393	.475	.827	.788	.693	1.137
278	BALATON	411.	140.	.667	.694	.961	1.410	1.242	1.136
279	NEW LOND	345.	647.	.696	.613	1.136	1.177	1.040	1.132
280	WINTHROP	735.	336.	.583	.478	1.219	1.040	.919	1.131
281	WADENA	819.	617.	.653	.572	1.142	1.114	.987	1.129
282	LAKE SUP	381.	982.	.460	.428	1.074	1.034	.920	1.125
283	ST. FRAN	15.	1914.	.319	.305	1.045	.590	.525	1.123
284	GROVE CI	464.	216.	.696	.644	1.081	1.496	1.337	1.119
285	LUVERNE	670.	617.	.705	.615	1.145	1.125	1.006	1.117
286	MCGREGOR	4.	259.	.434	.415	1.045	.884	.792	1.115
287	NEVIS	308.	142.	.650	.629	1.033	1.112	1.000	1.112
288	AUSTIN	492.	1804.	.585	.594	.985	.760	.684	1.111
289	CANNON F	252.	625.	.634	.572	1.107	1.099	.990	1.109
290	OLIVIA	653.	321.	.541	.497	1.089	.971	.879	1.104
291	PELICAN	548.	441.	.451	.490	.920	1.179	1.068	1.104
292	NICOLLET	507.	182.	.837	.756	1.106	1.385	1.256	1.102
293	HARMONY	228.	204.	.759	.652	1.164	1.455	1.326	1.097
294	EDEN PRA	272.	2297.	.580	.548	1.058	.750	.684	1.097
295	WASECA	829.	1002.	.598	.486	1.230	1.000	.916	1.092
296	GRANITE	894.	349.	.620	.549	1.129	1.096	1.006	1.090
297	CHISAGO	141.	1009.	.547	.462	1.185	.872	.802	1.087
298	PEQUOT L	186.	365.	.448	.297	1.510	1.197	1.104	1.084
299	PRESTON	233.	242.	1.118	1.035	1.081	1.118	1.035	1.081
300	ANNANDAL	876.	720.	.440	.474	.927	1.026	.952	1.078
301	HINCKLEY	573.	376.	.634	.589	1.076	1.253	1.163	1.077
302	MONTGOME	394.	444.	.525	.457	1.148	1.077	1.000	1.077
303	LESTER P	424.	247.	.758	.714	1.061	1.547	1.437	1.076
304	MINNETON	276.	2576.	.395	.295	1.338	.526	.490	1.074
305	LEROY	499.	200.	.712	.625	1.138	.923	.865	1.068
306	RED WING	256.	1412.	.365	.370	.986	.743	.696	1.067

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
307	MAPLE LA	881.	329.	.564	.608	.928	1.233	1.157	1.066
308	SANDSTON	576.	289.	.301	.338	.889	.516	.485	1.064
309	FLOODWOO	698.	136.	.529	.379	1.395	.771	.727	1.061
310	KELLIHER	36.	116.	.418	.367	1.138	.821	.776	1.059
311	PARKERS	547.	237.	.948	.699	1.356	1.254	1.184	1.058
312	KENYON	254.	270.	.879	.791	1.112	1.475	1.395	1.057
313	EVANSVIL	208.	118.	.533	.586	.910	1.000	.948	1.055
314	BRAHAM	314.	415.	.601	.599	1.003	1.076	1.021	1.054
315	KIMBALL	739.	378.	.578	.620	.932	1.286	1.223	1.051
316	BELGRADE	736.	202.	1.618	1.540	1.050	1.618	1.540	1.050
317	BABBITT	692.	253.	.380	.523	.728	.718	.685	1.049
318	PRIOR LA	719.	1387.	.299	.312	.957	.611	.586	1.042
319	DULUTH	709.	6959.	.301	.243	1.237	.420	.403	1.042
320	MAPLETON	72.	305.	1.000	.944	1.059	.981	.944	1.040
321	ORONO	278.	935.	.498	.615	.809	.958	.923	1.038
322	BUFFALO	647.	88.	.694	.744	.933	1.673	1.615	1.036
323	HOFFMAN	265.	172.	.736	.800	.920	1.644	1.588	1.035
324	GLENCOE	422.	633.	.942	.912	1.033	.942	.912	1.033
325	ISLE	473.	184.	.522	.500	1.043	1.196	1.163	1.028
326	OGILVIE	333.	279.	.714	.604	1.182	1.143	1.115	1.025
327	ULEN-HIT	914.	178.	.709	.609	1.165	.965	.946	1.021
328	CLIMAX	592.	102.	.706	.627	1.125	1.255	1.235	1.016
329	FAIRFAX	649.	148.	.923	.757	1.219	1.590	1.571	1.012
330	STEPHEN	443.	136.	.833	.603	1.381	1.500	1.483	1.012
331	WAYZATA	284.	3097.	.384	.357	1.078	.602	.595	1.012
332	WALDORF-	913.	129.	.750	.739	1.015	1.667	1.652	1.009
333	LANESBOR	229.	173.	.684	.949	.721	1.589	1.577	1.008
334	WATERTOW	111.	516.	.648	.722	.897	1.159	1.151	1.007
335	MINNESOT	223.	85.	.681	.605	1.125	1.511	1.500	1.007
336	SPRING V	237.	350.	.527	.463	1.137	.704	.701	1.004
337	SOUTHLAN	500.	298.	.725	.809	.895	1.317	1.313	1.003
338	MILAN	128.	92.	1.717	1.761	.975	1.891	1.891	1.000
339	GRANADA-	460.	204.	1.429	1.442	.990	1.429	1.442	.990
340	RUSSELL	418.	129.	.514	.754	.681	1.458	1.474	.990
341	BELVIEW	631.	67.	.750	.774	.969	1.306	1.323	.987
342	BARNUM	91.	327.	.557	.570	.978	.972	.987	.985
343	CLOQUET	94.	1125.	.447	.323	1.386	.503	.511	.984
344	CROMWELL	95.	152.	.695	.614	1.132	1.378	1.400	.984
345	WALNUT G	641.	122.	.369	.509	.726	.892	.912	.978
346	GRYGLA	447.	120.	.657	.580	1.133	.743	.760	.977
347	WANAMING	258.	146.	.792	.638	1.242	1.000	1.029	.972
348	WOOD LAK	896.	126.	.894	.867	1.031	1.409	1.450	.972
349	FISHER	600.	108.	.279	.298	.936	1.426	1.468	.971
350	EVELETH	697.	374.	.782	.807	.970	1.306	1.348	.969
351	CEYLON	451.	96.	.769	.864	.891	1.558	1.614	.965
352	HILL CIT	2.	142.	.462	.468	.989	.825	.855	.965
353	DILWORTH	147.	234.	.493	.380	1.296	.627	.652	.961
354	SEBEKA	820.	333.	.557	.627	.889	1.156	1.211	.954
355	MINNEOTA	414.	257.	1.433	1.504	.953	1.433	1.504	.953
356	COMFREY	81.	108.	.647	.649	.997	.980	1.035	.947
357	SARTELL	748.	775.	.624	.734	.851	1.233	1.304	.946

CASE-NO	NAME1	DNUM1	SEC90	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
358	ST. LOUI	710.	1140.	.354	.380	.930	.669	.718	.932
359	COLERAIN	316.	798.	.257	.279	.921	.257	.279	.921
360	MCINTOSH	603.	112.	1.182	1.439	.822	2.182	2.404	.908
361	GOODHUE	253.	234.	1.545	1.706	.906	1.545	1.706	.906
362	BENSON	777.	531.	.481	.379	1.268	1.073	1.186	.904
363	HILLS-BE	671.	211.	.653	.689	.948	1.190	1.333	.893
364	MOORHEAD	152.	2131.	.633	.754	.840	.759	.851	.892
365	WRENSHAL	100.	175.	.740	.520	1.423	1.070	1.200	.892
366	LANCASTE	356.	86.	.891	.950	.938	1.239	1.400	.885
367	BUFFALO	877.	1758.	.523	.601	.870	.762	.865	.881
368	CARLTON	93.	348.	.344	.475	.724	1.000	1.136	.880
369	PILLAGER	116.	220.	.735	.835	.880	.735	.835	.880
370	DODGE CE	202.	263.	.549	.570	.963	.845	.983	.859
371	ELGIN	806.	214.	.549	.472	1.165	1.198	1.398	.857
372	OSLO	442.	190.	.505	.697	.725	.791	.929	.851
373	MELROSE	740.	776.	.506	.482	1.049	.738	.871	.848
374	STORDEN-	178.	160.	.903	.580	1.558	.931	1.102	.844
375	SOUTH KO	363.	166.	.229	.314	.729	1.135	1.371	.828
376	HOWARD L	880.	400.	.443	.574	.772	.849	1.059	.802
377	NEWFOLDE	441.	204.	.696	.764	.910	1.226	1.539	.797
378	AMBOY-GO	79.	86.	0	0	0	1.191	1.513	.788
379	BROOKLYN	286.	817.	.563	.531	1.059	.362	.474	.762
380	WEST CON	205.	191.	1.165	1.532	.760	1.165	1.532	.760
381	TAYLORS	140.	130.	.679	.581	1.168	.679	.919	.738
382	LAPORTE	306.	109.	.500	.679	.736	1.107	1.566	.707
383	HENDERSO	734.	123.	.656	.610	1.076	.844	1.220	.691
384	LYLE	497.	116.	.534	.535	.999	.904	1.326	.682
385	ELMORE	219.	85.	.569	.735	.773	1.059	1.618	.655
386	WYKOFF	236.	130.	.493	.444	1.108	.493	.762	.646
387	WABASSO	640.	277.	.633	.701	.904	.833	1.291	.645
388	MOUNTAIN	712.	382.	.429	.380	1.128	.511	.800	.639
389	GILBERT	699.	420.	.395	.537	.737	.591	.956	.618
390	JASPER	582.	104.	.492	.791	.622	.852	1.512	.564
391	PETERSON	232.	76.	1.000	2.079	.481	1.000	2.079	.481

APPENDIX F

Male and Female Athletic Participation Rates and Comparisons

392 Districts Ranked by Female Participation Ratio

APPENDIX F

(Ranked by FRATE2)

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
1	MCINTOSH	603.	112.	1.	1.182	1.439	.822	2.182	2.404	.908
2	PETERSON	232.	76.	1.	1.000	2.079	.481	1.000	2.079	.481
3	LAKEFIEL	325.	211.	1.	1.273	1.054	1.208	2.747	1.946	1.412
4	MILAN	128.	92.	1.	1.717	1.761	.975	1.891	1.891	1.000
5	GOODHUE	253.	234.	1.	1.545	1.706	.906	1.545	1.706	.906
6	WALDORF-	913.	129.	1.	.750	.739	1.015	1.667	1.652	1.009
7	FREEBORN	244.	85.	1.	.943	.760	1.241	1.914	1.640	1.167
8	ELMORE	219.	85.	1.	.569	.735	.773	1.059	1.618	.655
9	BUFFALO	647.	88.	1.	.694	.744	.933	1.673	1.615	1.036
10	CEYLON	451.	96.	1.	.769	.864	.891	1.558	1.614	.965
11	HOFFMAN	265.	172.	1.	.736	.800	.920	1.644	1.588	1.035
12	LANESBOR	229.	173.	1.	.684	.949	.721	1.589	1.577	1.008
13	FAIRFAX	649.	148.	1.	.923	.757	1.219	1.590	1.571	1.012
14	LAPORTE	306.	109.	1.	.500	.679	.736	1.107	1.566	.707
15	NEW RICH	827.	245.	1.	.984	.966	1.018	2.254	1.546	1.458
16	BELGRADE	736.	202.	1.	1.618	1.540	1.050	1.618	1.540	1.050
17	NEWFOLDE	441.	204.	1.	.696	.764	.910	1.226	1.539	.797
18	MAZEPPA	809.	150.	1.	0	0	0	1.867	1.533	1.217
19	TWIN VAL	526.	154.	1.	.948	.896	1.058	1.766	1.532	1.153
20	WEST CON	205.	191.	1.	1.165	1.532	.760	1.165	1.532	.760
21	CAMPBELL	852.	86.	1.	.932	.762	1.223	2.045	1.524	1.342
22	AMBOY-GO	79.	86.	1.	0	0	0	1.191	1.513	.788
23	JASPER	582.	104.	1.	.492	.791	.622	.852	1.512	.564
24	MINNEOTA	414.	257.	1.	1.433	1.504	.953	1.433	1.504	.953
25	MINNESOT	223.	85.	1.	.681	.605	1.125	1.511	1.500	1.007
26	DANUBE	648.	129.	1.	1.211	.792	1.529	2.386	1.486	1.606
27	STEPHEN	443.	136.	1.	.833	.603	1.381	1.500	1.483	1.012
28	HERMAN	264.	133.	1.	.939	.806	1.166	1.803	1.478	1.220
29	ELLSWORT	514.	89.	1.	.911	.818	1.114	1.867	1.477	1.264
30	HENDRICK	402.	128.	1.	.712	.684	1.040	2.327	1.474	1.579
31	RUSSELL	418.	129.	1.	.514	.754	.681	1.458	1.474	.990
32	FISHER	600.	108.	1.	.279	.298	.936	1.426	1.468	.971
33	WOOD LAK	896.	126.	1.	.894	.867	1.031	1.409	1.450	.972
34	GRANADA-	460.	204.	1.	1.429	1.442	.990	1.429	1.442	.990
35	LAKE BEN	404.	123.	1.	.844	.746	1.131	1.641	1.441	1.139
36	LESTER P	424.	247.	1.	.758	.714	1.061	1.547	1.437	1.076
37	BELLINGH	371.	79.	1.	1.182	.886	1.334	2.227	1.429	1.559
38	CROMWELL	95.	152.	1.	.695	.614	1.132	1.378	1.400	.984
39	LANCASTE	356.	86.	1.	.891	.950	.938	1.239	1.400	.885
40	ELGIN	806.	214.	1.	.549	.472	1.165	1.198	1.398	.857
41	BUTTERFI	836.	128.	1.	.657	.552	1.191	1.686	1.397	1.207
42	KENYON	254.	270.	1.	.879	.791	1.112	1.475	1.395	1.057
43	WELLS	224.	344.	1.	.788	.685	1.150	1.754	1.382	1.269
44	CLARKFIE	892.	191.	1.	.819	.804	1.019	1.787	1.381	1.294
45	SOUTH KO	363.	166.	2.	.229	.314	.729	1.135	1.371	.828
46	STEWART	426.	133.	1.	.775	.742	1.044	1.648	1.371	1.202
47	MADISON	377.	261.	1.	.804	.731	1.099	1.614	1.352	1.194
48	EVELETH	697.	374.	1.	.782	.807	.970	1.306	1.348	.969
49	HALLOCK	351.	142.	1.	.846	.740	1.143	1.846	1.338	1.380
50	GROVE CI	464.	216.	1.	.696	.644	1.081	1.496	1.337	1.119
51	HILLS-BE	671.	211.	1.	.653	.689	.948	1.190	1.333	.893

BEST COPY AVAILABLE

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
52	HANCOCK	768.	142.	1.	.671	.667	1.006	1.695	1.333	1.271
53	HARMONY	228.	204.	1.	.759	.652	1.164	1.455	1.326	1.097
54	LYLE	497.	116.	1.	.534	.535	.999	.904	1.326	.682
55	WESTBROO	175.	167.	1.	1.012	.867	1.167	1.786	1.325	1.347
56	COSMOS	461.	127.	1.	.797	.588	1.354	1.678	1.324	1.268
57	BELVIEW	631.	67.	1.	.750	.774	.969	1.306	1.323	.987
58	SOUTHLAN	500.	298.	2.	.725	.809	.895	1.317	1.313	1.003
59	HERON LA	330.	187.	1.	.783	.716	1.094	1.538	1.309	1.175
60	SARTELL	748.	775.	2.	.624	.734	.851	1.233	1.304	.946
61	WABASSO	640.	277.	1.	.633	.701	.904	.833	1.291	.645
62	CLEVELAN	391.	210.	1.	.740	.609	1.215	1.480	1.291	1.146
63	HENNING	545.	234.	1.	.885	.760	1.164	1.549	1.279	1.201
64	WHEATON	803.	225.	1.	0	0	0	1.832	1.264	1.449
65	KARLSTAD	353.	172.	1.	.828	.671	1.234	1.701	1.259	1.351
66	BLOOMING	756.	422.	1.	.700	.634	1.105	1.479	1.259	1.175
67	NICOLLET	507.	182.	1.	.837	.756	1.106	1.385	1.256	1.102
68	ARGYLE	437.	130.	1.	.794	.567	1.399	1.460	1.254	1.165
69	BALATON	411.	140.	1.	.667	.694	.961	1.410	1.242	1.136
70	BROWNTON	421.	176.	1.	.809	.759	1.066	1.663	1.241	1.340
71	MADELIA	837.	296.	1.	.556	.560	.993	1.469	1.239	1.186
72	CLIMAX	592.	102.	1.	.706	.627	1.125	1.255	1.235	1.016
73	KIMBALL	739.	378.	1.	.578	.620	.932	1.286	1.223	1.051
74	HENDERSO	734.	123.	1.	.656	.610	1.076	.844	1.220	.691
75	DEER CRE	543.	103.	1.	1.453	1.220	1.191	1.453	1.220	1.191
76	SEBEKA	820.	333.	1.	.557	.627	.889	1.156	1.211	.954
77	LECENTER	392.	287.	1.	.743	.705	1.054	1.581	1.209	1.308
78	ADRIAN	511.	238.	1.	.571	.489	1.169	1.505	1.203	1.251
79	GLENVILL	245.	209.	1.	1.518	1.202	1.263	1.518	1.202	1.263
80	WRENSHAL	100.	175.	1.	.740	.520	1.423	1.070	1.200	.892
81	BATTLE L	542.	221.	1.	.765	.726	1.053	1.661	1.198	1.386
82	JANESVIL	830.	274.	1.	.840	.777	1.082	1.542	1.192	1.293
83	TRACY	417.	421.	1.	.796	.626	1.273	1.615	1.190	1.357
84	BENSON	777.	531.	1.	.481	.379	1.268	1.073	1.186	.904
85	PARKERS	547.	237.	1.	.948	.699	1.356	1.254	1.184	1.058
86	HINCKLEY	573.	376.	1.	.634	.589	1.076	1.253	1.163	1.077
87	ISLE	473.	184.	1.	.522	.500	1.043	1.196	1.163	1.028
88	MAPLE LA	881.	329.	1.	.564	.608	.928	1.233	1.157	1.066
89	WATERTOW	111.	516.	1.	.648	.722	.897	1.159	1.151	1.007
90	WARREN	446.	270.	1.	.934	.684	1.366	1.869	1.150	1.624
91	ROUND LA	516.	195.	1.	.410	.326	1.256	1.450	1.147	1.264
92	ALDEN	242.	159.	1.	.750	.542	1.383	1.553	1.145	1.357
93	GRAND ME	495.	156.	1.	.684	.623	1.097	1.519	1.143	1.329
94	MIDDLE R	440.	109.	1.	1.133	.703	1.612	2.200	1.141	1.929
95	CARLTON	93.	348.	1.	.344	.475	.724	1.000	1.136	.880
96	ADA	521.	253.	1.	.587	.614	.956	1.317	1.126	1.170
97	OGILVIE	333.	279.	1.	.714	.604	1.182	1.143	1.115	1.025
98	ROYALTON	485.	327.	1.	.682	.662	1.030	1.300	1.115	1.166
99	MEDFORD	763.	236.	1.	.661	.530	1.246	1.512	1.113	1.359
100	FERTILE	599.	237.	1.	.676	.561	1.205	1.489	1.112	1.339
101	PEQUOT L	186.	365.	1.	.448	.297	1.510	1.197	1.104	1.084
102	GLENWOOD	612.	438.	1.	.758	.544	1.393	1.700	1.102	1.542

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
103	STORDEN-	178.	160.	1.	.903	.580	1.558	.931	1.102	.844
104	BYRON	531.	498.	1.	.745	.580	1.284	1.533	1.095	1.401
105	LEWISTON	857.	352.	1.	.756	.628	1.203	1.544	1.087	1.421
106	BLUE EAR	240.	685.	1.	.668	.643	1.039	1.321	1.087	1.215
107	FULDA	505.	248.	1.	.583	.541	1.077	1.381	1.083	1.276
108	MORRISTO	657.	130.	1.	.661	.554	1.193	1.232	1.081	1.140
109	LESUEUR	393.	497.	1.	.711	.629	1.130	1.378	1.081	1.275
110	MABEL-CA	238.	199.	1.	.752	.611	1.231	1.330	1.078	1.234
111	ST. PETE	508.	827.	1.	.257	.263	.979	1.269	1.077	1.178
112	CHATFIEL	227.	349.	1.	.718	.571	1.256	1.381	1.075	1.285
113	DOVER-EY	533.	366.	1.	.663	.561	1.183	1.269	1.069	1.187
114	HECTOR	651.	181.	1.	.656	.568	1.154	1.301	1.068	1.218
115	PELICAN	548.	441.	1.	.451	.490	.920	1.179	1.068	1.104
116	BARNESVI	146.	406.	1.	.634	.611	1.037	1.249	1.062	1.176
117	MORGAN	636.	203.	1.	.735	.634	1.160	1.284	1.059	1.212
118	RENVILLE	654.	244.	1.	.571	.492	1.163	1.325	1.059	1.251
119	HOWARD L	880.	400.	1.	.443	.574	.772	.849	1.059	.802
120	WINDOM	177.	557.	1.	1.256	1.057	1.188	1.256	1.057	1.188
121	ARLINGTO	731.	394.	1.	.560	.500	1.119	1.289	1.057	1.220
122	PINE RIV	117.	343.	1.	.676	.573	1.179	1.330	1.055	1.260
123	SILVER L	425.	198.	1.	.701	.574	1.221	1.309	1.050	1.248
124	SWANVILL	486.	206.	1.	1.475	1.048	1.408	1.475	1.048	1.408
125	RUSH CIT	139.	343.	1.	.753	.699	1.077	1.500	1.046	1.434
126	COTTONWO	412.	195.	1.	.689	.596	1.156	1.500	1.045	1.435
127	MOOSE LA	97.	336.	1.	.838	.663	1.265	1.260	1.043	1.208
128	NEW LOND	345.	647.	1.	.696	.613	1.136	1.177	1.040	1.132
129	RANDOLPH	195.	175.	1.	.603	.510	1.182	1.288	1.039	1.239
130	KIESTER	222.	167.	1.	.774	.614	1.259	1.488	1.036	1.436
131	KASSON-M	204.	553.	2.	.597	.500	1.194	1.253	1.036	1.210
132	COMFREY	81.	108.	1.	.647	.649	.997	.980	1.035	.947
133	PRESTON	233.	242.	1.	1.118	1.035	1.081	1.118	1.035	1.081
134	ASHBY	261.	139.	1.	1.859	1.029	1.806	1.859	1.029	1.806
135	WANAMING	258.	146.	1.	.792	.638	1.242	1.000	1.029	.972
136	HAWLEY	150.	340.	1.	.730	.658	1.109	1.476	1.026	1.439
137	BRAHAM	314.	415.	1.	.601	.599	1.003	1.076	1.021	1.054
138	LAKE OF	390.	272.	1.	.608	.550	1.105	1.350	1.016	1.329
139	WATERVIL	395.	376.	1.	.716	.560	1.280	1.356	1.012	1.340
140	GREENBUS	678.	181.	1.	1.130	1.011	1.118	1.185	1.011	1.172
141	SHERBURN	456.	257.	1.	.718	.690	1.039	1.336	1.008	1.325
142	MORRIS	769.	557.	1.	.583	.452	1.291	1.420	1.007	1.410
143	LUVERNE	670.	617.	1.	.705	.615	1.145	1.125	1.006	1.117
144	GRANITE	894.	349.	1.	.620	.549	1.129	1.096	1.006	1.090
145	NEW YORK	553.	349.	1.	.688	.601	1.144	1.330	1.006	1.322
146	NEVIS	308.	142.	1.	.650	.629	1.033	1.112	1.000	1.112
147	KENNEDY	354.	62.	1.	.879	.655	1.341	1.758	1.000	1.758
148	MONTGOME	394.	444.	1.	.525	.457	1.148	1.077	1.000	1.077
149	MAHNOMEN	432.	375.	1.	.655	.017	38.853	1.411	1.000	1.411
150	CHANDLER	918.	101.	1.	.490	.615	.796	1.163	1.000	1.163
151	BECKER	726.	384.	1.	.701	.629	1.113	1.529	.995	1.537
152	SLAYTON	504.	308.	1.	.623	.596	1.046	1.346	.993	1.355
153	CANNON F	252.	625.	1.	.634	.572	1.107	1.099	.990	1.109

I-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
154	WADENA	819.	617.	1.	.653	.572	1.142	1.114	.987	1.129
155	BARNUM	91.	327.	1.	.557	.570	.978	.972	.987	.985
156	CLARA CI	126.	393.	2.	1.368	1.198	1.142	1.209	.984	1.228
157	DODGE CE	202.	263.	1.	.549	.570	.963	.845	.983	.859
158	PLAINVIE	810.	427.	1.	.756	.553	1.365	1.484	.981	1.514
159	SPRINGFI	85.	308.	1.	.599	.596	1.005	1.280	.980	1.306
160	BADGER	676.	101.	1.	1.176	.700	1.681	1.529	.980	1.561
161	NORWOOD	108.	444.	1.	0	0	0	1.189	.977	1.217
162	FAIRMONT	454.	955.	2.	.626	.576	1.087	1.202	.973	1.235
163	LAMBERTO	633.	234.	1.	1.023	.618	1.656	1.242	.971	1.280
164	BELLE PL	716.	389.	1.	.559	.537	1.041	1.113	.966	1.153
165	REDWOOD	637.	654.	1.	.649	.618	1.050	1.221	.962	1.268
166	APPLETON	784.	303.	2.	.740	.698	1.061	1.364	.960	1.421
167	GILBERT	699.	420.	1.	.395	.537	.737	.591	.956	.618
168	HERMANTO	700.	688.	2.	.637	.583	1.092	1.087	.955	1.138
169	CALEDONI	299.	418.	1.	.756	.574	1.317	1.407	.952	1.477
170	ANNANDAL	876.	720.	1.	.440	.474	.927	1.026	.952	1.078
171	ELBOW LA	263.	243.	1.	.740	.617	1.200	1.415	.950	1.489
172	EVANSVIL	208.	118.	1.	.533	.586	.910	1.000	.948	1.055
173	ULEN-HIT	914.	178.	1.	.709	.609	1.165	.965	.946	1.021
174	MONTEVID	129.	722.	2.	.655	.504	1.300	1.345	.944	1.424
175	MAPLETON	72.	305.	1.	1.000	.944	1.059	.981	.944	1.040
176	WARROAD	690.	464.	1.	.745	.507	1.470	1.453	.940	1.546
177	SLEEPY E	84.	278.	1.	.734	.540	1.358	1.065	.935	1.138
178	EMMONS	243.	75.	1.	1.444	.933	1.548	1.444	.933	1.548
179	PAYNESVI	741.	557.	1.	.637	.602	1.057	1.209	.932	1.297
180	UPSALA	487.	194.	1.	.593	.558	1.062	1.407	.930	1.513
181	OSLO	442.	190.	1.	.505	.697	.725	.791	.929	.851
182	CANBY	891.	344.	1.	.534	.639	.837	1.074	.929	1.156
183	MILACA	912.	723.	2.	.487	.349	1.395	1.073	.927	1.158
184	ORONO	278.	935.	2.	.498	.615	.809	.958	.923	1.038
185	OKLEE	627.	149.	1.	.452	.600	.754	1.202	.923	1.303
186	ST. CHAR	858.	410.	1.	.583	.613	.951	1.120	.923	1.214
187	STARBUCK	614.	181.	1.	.641	.528	1.214	1.326	.921	1.439
188	LAKE SUP	381.	982.	3.	.460	.428	1.074	1.034	.920	1.125
189	WINTHROP	735.	336.	1.	.583	.478	1.219	1.040	.919	1.131
190	TAYLORS	140.	130.	1.	.679	.581	1.168	.679	.919	.738
191	ST. MICH	885.	546.	1.	.648	.591	1.097	1.265	.919	1.376
192	NEW PRAG	721.	884.	2.	.707	.560	1.262	1.222	.916	1.334
193	WASECA	829.	1002.	1.	.598	.486	1.230	1.000	.916	1.092
194	HOUSTON	294.	225.	1.	.675	.495	1.363	1.125	.914	1.230
195	ROCKFORD	883.	500.	1.	1.105	1.016	1.088	1.105	.913	1.211
196	WALNUT G	641.	122.	1.	.369	.509	.726	.892	.912	.978
197	GLENCOE	422.	633.	2.	.942	.912	1.033	.942	.912	1.033
198	ST. ANTH	282.	415.	2.	.650	.656	.991	1.205	.912	1.322
199	ST. JAME	840.	526.	1.	1.240	.904	1.371	1.240	.904	1.371
200	EAGLE BE	790.	291.	1.	.609	.496	1.227	1.410	.904	1.561
201	MOTLEY	483.	312.	1.	.456	.429	1.063	1.141	.902	1.265
202	BERTHA-H	786.	285.	1.	.636	.614	1.036	1.258	.895	1.404
203	BRANDON	207.	180.	1.	.726	.388	1.871	1.305	.894	1.460
204	LONG PRA	792.	530.	1.	1.176	.891	1.320	1.176	.891	1.320

SE-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
205	DELANO	879.	711.	2.	.611	.542	1.129	1.114	.889	1.253
206	ST. CLAI	75.	189.	1.	.624	.614	1.017	1.139	.886	1.285
207	WABASHA	811.	415.	2.	.638	.507	1.258	1.148	.883	1.300
208	OLIVIA	653.	321.	1.	.541	.497	1.089	.971	.879	1.104
209	ATWATER	341.	198.	1.	.717	.481	1.491	1.207	.877	1.375
210	IVANHOE	403.	168.	1.	1.000	.741	1.350	1.310	.877	1.495
211	LA CRESC	300.	649.	1.	.601	.586	1.026	1.116	.872	1.279
212	MELROSE	740.	776.	2.	.506	.482	1.049	.738	.871	.848
213	ONAMIA	480.	301.	1.	.641	.550	1.167	1.218	.870	1.399
214	FOSSTON	601.	369.	1.	1.151	.869	1.324	1.151	.869	1.324
215	DASSEL-C	466.	806.	1.	.609	.520	1.171	1.121	.866	1.295
216	BUFFALO	877.	1758.	2.	.523	.601	.870	.762	.865	.881
217	LEROY	499.	200.	1.	.712	.625	1.138	.923	.865	1.068
218	PIERZ	484.	521.	1.	.406	.384	1.056	1.226	.863	1.421
219	HILL CIT	2.	142.	1.	.462	.468	.989	.825	.855	.965
220	KERKHOVE	775.	255.	1.	.769	.579	1.329	1.104	.851	1.297
221	MOORHEAD	152.	2131.	2.	.633	.754	.840	.759	.851	.892
222	JACKSON	324.	455.	2.	.665	.419	1.588	1.235	.850	1.453
223	ALEXANDR	206.	1711.	2.	.585	.513	1.141	1.012	.848	1.194
224	BROOTEN	737.	224.	1.	1.142	.847	1.348	1.142	.847	1.348
225	HOLDINGF	738.	448.	1.	.584	.485	1.205	1.317	.846	1.557
226	STEWARTV	534.	693.	1.	.576	.483	1.194	1.101	.844	1.304
227	LITTLEFO	362.	166.	1.	.732	.505	1.450	1.324	.842	1.572
228	MENAHGA	821.	291.	1.	.452	.390	1.159	1.000	.838	1.193
229	FARMINGT	192.	938.	2.	.570	.538	1.059	1.028	.837	1.229
230	PILLAGER	116.	220.	1.	.735	.835	.880	.735	.835	.880
231	HAYFIELD	203.	456.	1.	.611	.472	1.294	1.139	.831	1.372
232	PINE CIT	578.	754.	2.	.528	.436	1.210	.954	.829	1.151
233	GREY EAG	791.	129.	1.	.508	.563	.903	1.015	.828	1.226
234	ELY	696.	387.	1.	.411	.528	.778	1.085	.822	1.320
235	DETROIT	22.	1198.	2.	.487	.488	.999	1.010	.822	1.229
236	FRAZEE	23.	565.	1.	.490	.475	1.032	1.033	.820	1.260
237	PARK RAP	309.	932.	2.	1.004	.933	1.077	1.119	.816	1.372
238	ZUMBROTA	260.	271.	1.	.669	.644	1.039	1.194	.811	1.473
239	CLAREMON	201.	97.	1.	.582	.500	1.164	1.309	.810	1.617
240	DEER RIV	317.	450.	1.	.687	.534	1.287	1.173	.809	1.449
241	LITTLE F	482.	1487.	2.	.554	.547	1.012	1.077	.805	1.337
242	CHISAGO	141.	1009.	2.	.547	.462	1.185	.872	.802	1.087
243	BROWERVI	787.	260.	1.	.748	.620	1.207	1.094	.802	1.364
244	MOUNTAIN	712.	382.	1.	.429	.380	1.128	.511	.800	.639
245	OSAKIS	213.	312.	1.	0	0	0	1.007	.798	1.262
246	MANKATO	77.	2890.	4.	.688	.631	1.091	.957	.795	1.204
247	MCGREGOR	4.	259.	1.	.434	.415	1.045	.884	.792	1.115
248	LAKE CIT	813.	625.	1.	.210	.231	.907	1.318	.791	1.667
249	LITCHFIE	465.	920.	2.	.613	.523	1.172	.988	.790	1.250
250	MONTICEL	882.	1226.	2.	.605	.433	1.396	1.099	.788	1.394
251	EDGERTON	581.	125.	1.	.594	.492	1.207	1.016	.787	1.291
252	ASKOV	566.	221.	1.	.605	.430	1.408	1.070	.785	1.363
253	LAKE CRY	70.	311.	1.	.390	.312	1.248	1.019	.783	1.301
254	GARY	523.	92.	1.	.304	.304	1.000	1.196	.783	1.528
255	MORA	332.	723.	1.	.654	.519	1.261	1.082	.778	1.390

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
256	CROOKSTO	593.	849.	1.	.503	.450	1.118	1.054	.776	1.358
257	KELLIHER	36.	116.	1.	.418	.367	1.138	.821	.776	1.059
258	MARIETTA	376.	43.	1.	.667	.516	1.292	1.083	.774	1.399
259	RUSHFORD	234.	286.	1.	.734	.561	1.309	1.610	.773	2.084
260	NORTHFIE	659.	1349.	2.	.595	.539	1.103	1.072	.771	1.391
261	ALBANY	745.	737.	2.	.637	.479	1.329	1.228	.770	1.596
262	WYKOFF	236.	130.	1.	.493	.444	1.108	.493	.762	.646
263	WAUBUN	435.	300.	1.	1.108	.451	2.457	.867	.761	1.140
264	GRYGLA	447.	120.	1.	.657	.580	1.133	.743	.760	.977
265	ROTHSAY	850.	112.	1.	.588	.607	.970	1.059	.754	1.404
266	LAKE PAR	24.	340.	1.	.620	.506	1.227	.970	.753	1.288
267	SAUK CEN	743.	713.	1.	.525	.534	.984	.880	.751	1.172
268	REMER	118.	277.	1.	.677	.528	1.282	1.331	.750	1.774
269	SPRING G	297.	214.	1.	1.104	.750	1.472	1.104	.750	1.472
270	PIPESTON	583.	584.	1.	.432	.306	1.415	1.196	.747	1.602
271	PLUMMER	628.	102.	1.	.708	.463	1.530	1.188	.741	1.603
272	MOUNTAIN	173.	210.	1.	.689	.542	1.272	2.019	.738	2.735
273	THIEF RI	564.	1129.	2.	.617	.450	1.372	1.007	.737	1.367
274	SAUK RAP	47.	1054.	2.	.486	.391	1.244	.895	.733	1.222
275	CROSBY	182.	647.	1.	.256	.211	1.214	1.222	.731	1.672
276	NEW ULM	88.	1159.	2.	.549	.478	1.150	.964	.728	1.323
277	BLACKDUC	32.	360.	1.	.511	.517	.988	1.038	.727	1.427
278	FLOODWOO	698.	136.	1.	.529	.379	1.395	.771	.727	1.061
279	CAMBRIDG	911.	1688.	3.	.502	.446	1.126	1.005	.726	1.384
280	ST. LOUI	710.	1140.	6.	.354	.380	.930	.669	.718	.932
281	INTERNAT	361.	996.	2.	.593	.447	1.325	1.047	.709	1.476
282	ROSEMOUN	196.	7636.	7.	.729	.542	1.345	.981	.706	1.389
283	HOPKINS	270.	3066.	3.	.746	.562	1.328	.858	.706	1.216
284	EAST GRA	595.	815.	2.	.636	.604	1.053	.998	.705	1.416
285	PERHAM	549.	654.	1.	.196	.149	1.321	.927	.703	1.320
286	SPRING V	237.	350.	1.	.527	.463	1.137	.704	.701	1.004
287	HALSTAD	524.	179.	1.	.511	.379	1.347	.880	.701	1.256
288	RED WING	256.	1412.	2.	.365	.370	.986	.743	.696	1.067
289	ELK RIVE	728.	2652.	3.	.393	.475	.827	.788	.693	1.137
290	AURORA	691.	542.	1.	.543	.493	1.101	.918	.692	1.326
291	INVER GR	199.	1432.	2.	.446	.438	1.020	.865	.691	1.251
292	CLEARBRO	161.	180.	1.	.376	.368	1.023	.860	.690	1.247
293	BABBITT	692.	253.	1.	.380	.523	.728	.718	.685	1.049
294	JORDAN	717.	489.	1.	0	0	0	.883	.685	1.290
295	AUSTIN	492.	1804.	2.	.585	.594	.985	.760	.684	1.111
296	CHISHOLM	695.	479.	1.	.657	.540	1.217	.926	.684	1.354
297	EDEN PRA	272.	2297.	2.	.580	.548	1.058	.750	.684	1.097
298	HUTCHINS	423.	1282.	2.	.597	.504	1.184	1.097	.683	1.606
299	PRINCETO	477.	1132.	2.	.662	.512	1.294	.950	.679	1.398
300	LAKEVILL	194.	1675.	2.	.555	.438	1.266	.908	.679	1.337
301	GAYLORD	732.	282.	1.	.676	.521	1.297	1.162	.679	1.712
302	PROCTOR	704.	1030.	2.	.537	.446	1.204	.827	.676	1.224
303	HASTINGS	200.	2194.	2.	.698	.561	1.245	.976	.674	1.447
304	ORTONVIL	62.	342.	1.	.634	.416	1.525	1.012	.674	1.501
305	GLYNDON	145.	282.	1.	.595	.424	1.405	1.115	.669	1.666
306	OWATONNA	761.	1802.	2.	.498	.422	1.180	.827	.667	1.240

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
307	WALKER	119.	430.	1.	.692	.466	1.486	1.076	.667	1.614
308	STILLWAT	834.	3597.	3.	.785	.682	1.151	.857	.663	1.292
309	BAGLEY	162.	583.	1.	.503	.526	.957	1.034	.654	1.581
310	DILWORTH	147.	234.	1.	.493	.380	1.296	.627	.652	.961
311	WEST ST.	197.	1876.	2.	.463	.445	1.040	.803	.652	1.232
312	COOK COU	166.	275.	1.	.524	.538	.975	.888	.652	1.363
313	STRANDQU	444.	38.	1.	.944	.450	2.099	1.500	.650	2.308
314	AITKIN	1.	523.	1.	.530	.406	1.307	.950	.648	1.467
315	CHASKA	112.	1659.	2.	.492	.416	1.181	.800	.640	1.251
316	ESKO	99.	417.	1.	.528	.352	1.500	1.050	.638	1.646
317	EDEN VAL	463.	397.	1.	.565	.667	.848	1.247	.638	1.954
318	NORTH BR	138.	1060.	2.	.465	.356	1.307	.725	.634	1.144
319	BACKUS	114.	145.	1.	.519	.515	1.009	.792	.632	1.253
320	NASHWAUK	319.	394.	2.	.507	.472	1.076	.995	.632	1.574
321	FARIBAUL	656.	1861.	2.	.809	.610	1.326	.825	.631	1.309
322	MARSHALL	413.	1024.	2.	.907	.644	1.409	.898	.630	1.425
323	GRACEVIL	60.	206.	1.	.449	.368	1.223	.865	.624	1.387
324	TOWER-SO	708.	147.	1.	.303	.268	1.131	.921	.620	1.486
325	WACONIA	110.	589.	2.	.620	.577	1.073	1.046	.616	1.697
326	TRIMONT	457.	152.	1.	.160	.299	.536	.733	.610	1.201
327	VIRGINIA	706.	1066.	2.	.520	.486	1.069	.865	.608	1.423
328	NORTH ST	622.	3853.	4.	.539	.435	1.239	.755	.606	1.246
329	BIWABIK	693.	293.	1.	.546	.426	1.283	.829	.603	1.375
330	CASS LAK	115.	339.	1.	1.006	.597	1.686	1.006	.597	1.686
331	WAYZATA	284.	3097.	3.	.384	.357	1.078	.602	.595	1.012
332	WORTHING	518.	1094.	2.	.878	.598	1.468	.824	.588	1.400
333	PRIOR LA	719.	1387.	1.	.299	.312	.957	.611	.586	1.042
334	SOUTH ST	6.	1386.	1.	.537	.328	1.638	.943	.583	1.618
335	ST. LOUI	283.	1840.	2.	.583	.531	1.098	.712	.580	1.228
336	OSSEO	279.	7597.	5.	.469	.371	1.263	.694	.578	1.200
337	CENTENNI	12.	1476.	2.	.475	.500	.950	.696	.578	1.204
338	HIBBING	701.	1639.	2.	.466	.412	1.132	.808	.576	1.403
339	PINE ISL	255.	458.	1.	.431	.301	1.430	.854	.571	1.495
340	MAHTOMED	832.	804.	1.	.387	.364	1.063	.693	.567	1.222
341	ALBERT L	241.	1959.	2.	.442	.386	1.145	.825	.559	1.476
342	VERNDALE	818.	173.	1.	.500	.429	1.167	1.012	.549	1.842
343	FOREST L	831.	3095.	3.	.516	.437	1.181	.786	.539	1.460
344	WILLMAR	347.	2050.	2.	.586	.452	1.297	.777	.538	1.444
345	BIG LAKE	727.	461.	1.	1.017	.887	1.146	1.252	.537	2.333
346	WESTONKA	277.	1028.	1.	.398	.315	1.262	.720	.535	1.346
347	ROBBINSD	281.	6117.	6.	.406	.580	.701	.609	.534	1.140
348	BROWNS V	801.	143.	1.	.441	.293	1.504	.632	.533	1.186
349	RED LAKE	630.	250.	1.	.492	.352	1.396	.883	.533	1.657
350	RICHFIEL	280.	1914.	2.	.756	.532	1.422	.756	.532	1.422
351	TYLER	409.	230.	1.	.604	.471	1.283	.910	.529	1.719
352	ST. FRAN	15.	1914.	2.	.319	.305	1.045	.590	.525	1.123
353	BRECKENR	846.	417.	1.	.840	.525	1.600	.840	.525	1.600
354	TRUMAN	458.	212.	1.	.519	.413	1.254	.889	.519	1.712
355	EDINA	273.	2520.	3.	.377	.312	1.205	.628	.519	1.209
356	CLOQUET	94.	1125.	2.	.447	.323	1.386	.503	.511	.984
357	ROSEVILL	623.	2721.	4.	.274	.292	.940	.594	.510	1.166

E-NO	NAME1	DNUM1	SEC90	REPORTS	MRATE1	FRATE1	COMP1	MRATE2	FRATE2	COMP2
358	BEMIDJI	31.	2255.	2.	.478	.356	1.343	.727	.500	1.455
359	CHOKIO-A	771.	153.	1.	.313	.186	1.687	.867	.500	1.735
360	SPRING L	16.	1678.	2.	.530	.414	1.282	.802	.495	1.621
361	FERGUS F	544.	1353.	2.	.528	.376	1.404	.803	.492	1.632
362	MINNETON	276.	2576.	2.	.395	.295	1.338	.526	.490	1.074
363	SANDSTON	576.	289.	1.	.301	.338	.889	.516	.485	1.064
364	FINLAYSO	570.	117.	1.	.741	.475	1.562	1.190	.475	2.507
365	BROOKLYN	286.	817.	1.	.563	.531	1.059	.362	.474	.762
366	FOLEY	51.	773.	1.	.294	.228	1.290	.570	.469	1.215
367	BRAINERD	181.	2759.	3.	.513	.344	1.490	.715	.452	1.583
368	DAWSON	378.	312.	1.	.404	.331	1.220	.795	.446	1.782
369	GRAND RA	318.	2099.	1.	.445	.320	1.389	.727	.444	1.638
370	COLUMBIA	13.	1503.	2.	.310	.256	1.211	.667	.439	1.519
371	MOUNDS V	621.	4934.	5.	.354	.286	1.240	.552	.436	1.267
372	SHAKOPEE	720.	1103.	1.	.401	.387	1.037	.537	.430	1.249
373	ST. CLOU	742.	4780.	2.	.349	.278	1.256	.603	.414	1.456
374	RED LAKE	38.	382.	1.	.290	.198	1.466	.700	.407	1.722
375	UNDERWOO	550.	185.	1.	.494	.292	1.688	.835	.406	2.059
376	VILLARD	615.	98.	1.	.696	.769	.904	.696	.404	1.723
377	DULUTH	709.	6959.	7.	.301	.243	1.237	.420	.403	1.042
378	FRIDLEY	14.	1146.	2.	.317	.220	1.441	.523	.380	1.376
379	BLOOMING	271.	5118.	3.	.366	.310	1.182	.503	.374	1.344
380	SOUTH WA	833.	4381.	2.	.215	.173	1.244	.464	.369	1.256
381	ANOKA	11.	14275.	8.	.342	.287	1.192	.486	.369	1.317
382	COLD SPR	750.	1006.	1.	.321	.306	1.049	.724	.342	2.120
383	WHITE BE	624.	3322.	1.	.569	.513	1.109	.447	.313	1.427
384	WINONA	861.	2156.	1.	.527	.509	1.035	.381	.304	1.254
385	GONVICK	158.	102.	1.	.417	.286	1.458	.417	.286	1.458
386	BURNSVIL	191.	4078.	3.	.338	.250	1.353	.367	.280	1.307
387	COLERAIN	316.	798.	1.	.257	.279	.921	.257	.279	.921
388	ST. PAUL	625.	13754.	17.	.243	.190	1.283	.355	.279	1.275
389	ROSEAU	682.	545.	1.	.300	.217	1.381	.544	.229	2.377
390	MINNEAPO	1.	15681.	17.	.197	.143	1.382	.292	.204	1.427
391	ROCHESTE	535.	5611.	5.	.258	.194	1.327	.272	.124	2.190
392	GOODRIDG	561.	110.	1.	.507	0	0	.507	0	0

APPENDIX G1

Average Number of Sports Played by Male and Female Participants

385 Districts Ranked by Difference

APPENDIX G1

(Ranked by SPXDIFF)

CASE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
1	LAKE CIT	813.	6.28	3.42	2.86
2	TRIMONT	457.	4.58	2.04	2.54
3	MOUNTAIN	173.	2.93	1.36	1.57
4	GARY	523.	3.93	2.57	1.36
5	CROSBY	182.	4.77	3.46	1.30
6	EDEN VAL	463.	2.21	.96	1.25
7	COLD SPR	750.	2.25	1.12	1.14
8	OKLEE	627.	2.66	1.54	1.12
9	HENDRICK	402.	3.27	2.15	1.12
10	ELY	696.	2.64	1.56	1.08
11	RUSSELL	418.	2.84	1.95	.88
12	ST. PETE	508.	4.93	4.10	.83
13	RUSHFORD	234.	2.19	1.38	.82
14	BAGLEY	162.	2.05	1.24	.81
15	PIERZ	484.	3.02	2.24	.77
16	ROSEAU	682.	1.81	1.05	.76
17	CHANDLER	918.	2.38	1.63	.75
18	VERNDALE	818.	2.02	1.28	.74
19	TOWER-SO	708.	3.04	2.32	.73
20	UPSALA	487.	2.38	1.67	.71
21	NEW RICH	827.	2.29	1.60	.69
22	LANESBOR	229.	2.32	1.66	.66
23	CLAREMON	201.	2.25	1.62	.63
24	BIG LAKE	727.	1.23	.60	.63
25	BLACKDUC	32.	2.03	1.41	.63
26	WALNUT G	641.	2.42	1.79	.62
27	WACONIA	110.	1.69	1.07	.62
28	DAWSON	378.	1.97	1.35	.62
29	NASHWAUK	319.	1.96	1.34	.62
30	FINLAYSO	570.	1.60	1.00	.60
31	BECKER	726.	2.18	1.58	.60
32	SOUTH KO	363.	4.95	4.36	.59
33	BABBITT	692.	1.89	1.31	.58
34	ROBBINSD	281.	1.50	.92	.58
35	ROTHSAY	850.	1.80	1.24	.56
36	CANBY	891.	2.01	1.45	.56
37	ELK RIVE	728.	2.01	1.46	.55
38	REMER	118.	1.97	1.42	.55
39	GREY EAG	791.	2.00	1.47	.53
40	HANCOCK	768.	2.53	2.00	.53
41	ZUMBROTA	260.	1.78	1.26	.53
42	BATTLE L	542.	2.17	1.65	.52
43	BERTHA-H	786.	1.98	1.46	.52
44	CARLTON	93.	2.91	2.39	.52
45	HOLDINGF	738.	2.26	1.75	.51
46	RUSH CIT	139.	1.99	1.50	.50
47	EAGLE BE	790.	2.32	1.82	.49
48	SPRINGFI	85.	2.14	1.64	.49
49	SLAYTON	504.	2.16	1.67	.49
50	HUTCHINS	423.	1.84	1.36	.48
51	COOK COU	166.	1.69	1.21	.48

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CASE-NO    NAME1      DNUM1      SPXM      SPXF    SPXDIFF

     52  VILLARD       615.      1.00       .52       .48
     53  KENNEDY       354.      2.00      1.53       .47
     54  LITTLE F      482.      1.94      1.47       .47
     55  APPLETON      784.      1.84      1.38       .47
     56  CLARKFIE      892.      2.18      1.72       .46
              57  ST. ANTH     282.      1.85      1.39       .46
     58  HAWLEY        150.      2.02      1.56       .46
     59  TRUMAN        458.      1.71      1.26       .46
     60  COLUMBIA       13.      2.15      1.71       .44
     61  PELICAN       548.      2.61      2.18       .43
     62  MADELIA       837.      2.64      2.21       .43
     63  ORONO         278.      1.92      1.50       .42
     64  COTTONWO      412.      2.18      1.75       .42
     65  ROSEVILL      623.      2.17      1.75       .42
     66  ALBERT L      241.      1.87      1.45       .42
     67  BROWNTON      421.      2.06      1.64       .42
     68  GAYLORD       732.      1.72      1.30       .42
     69  ST. CHAR      858.      1.92      1.50       .42
     70  ROCHESTE      535.      1.05       .64       .42
     71  VIRGINIA      706.      1.66      1.25       .41
     72  LECENTER      392.      2.13      1.71       .41
     73  CLEARBRO      161.      2.29      1.88       .41
     74  ADA           521.      2.24      1.83       .41
     75  EAST GRA      595.      1.57      1.17       .40
     76  SHERBURN      456.      1.86      1.46       .40
     77  MOTLEY        483.      2.50      2.10       .40
     78  ST. MICH      885.      1.95      1.56       .40
     79  GRAND ME      495.      2.22      1.83       .39
     80  DETROIT        22.      2.07      1.68       .39
     81  TYLER         409.      1.51      1.13       .38
     82  FRAZEE         23.      2.11      1.73       .38
     83  ST. CLAI       75.      1.83      1.44       .38
     84  HALLOCK       351.      2.18      1.81       .37
     85  CAMBRIDG      911.      2.00      1.63       .37
     86  LAKE OF       390.      2.22      1.85       .37
     87  NORTHFIE      659.      1.80      1.43       .37
     88  ELBOW LA      263.      1.91      1.54       .37
     89  FULDA         505.      2.37      2.00       .37
     90  CROOKSTO      593.      2.09      1.72       .37
     91  LA CRESC      300.      1.86      1.49       .37
     92  RED LAKE       38.      2.41      2.06       .36
     93  INVER GR      199.      1.94      1.58       .36
     94  PAYNESVI      741.      1.90      1.55       .35
     95  HIBBING       701.      1.73      1.40       .33
     96  ANNANDAL      876.      2.33      2.01       .33
     97  BALATON       411.      2.12      1.79       .32
     98  REDWOOD       637.      1.88      1.56       .32
     99  STARBUCK      614.      2.07      1.74       .32
    100  ALBANY        745.      1.93      1.61       .32
    101  PIPESTON      583.      2.77      2.44       .32
    102  MIDDLE R      440.      1.94      1.62       .32
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CASE-NO     NAME1     DNUM1      SPXM      SPXF   SPXDIFF

    103  WARREN       446.      2.00      1.68       .32
    104  SPRING L      16.      1.51      1.20       .32
    105  ONAMIA       480.      1.90      1.58       .32
    106  LEWISTON     857.      2.04      1.73       .31
    107  LAKEFIEL     325.      2.16      1.85       .31
    108  CENTENNI      12.      1.47      1.16       .31
    109  UNDERWOO     550.      1.69      1.39       .31
    110  JANESVIL     830.      1.83      1.53       .30
    111  BACKUS       114.      1.52      1.23       .30
    112  GLYNDON      145.      1.87      1.58       .29
    113  FOREST L     831.      1.52      1.23       .29
    114  BLUE EAR     240.      1.98      1.69       .29
    115  AURORA       691.      1.69      1.40       .29
    116  MAPLE LA     881.      2.18      1.90       .28
    117  SANDSTON     576.      1.72      1.43       .28
    118  RED LAKE     630.      1.79      1.51       .28
    119  STEWART      426.      2.13      1.85       .28
    120  BELLINGH     371.      1.88      1.61       .27
    121  WEST ST.     197.      1.74      1.47       .27
    122  SAUK CEN     743.      1.68      1.41       .27
    123  NEW YORK     553.      1.93      1.67       .26
    124  EVANSVIL     208.      1.88      1.62       .26
    125  KIMBALL      739.      2.23      1.97       .25
    126  HOFFMAN      265.      2.23      1.99       .25
    127  GRAND RA     318.      1.64      1.39       .25
    128  FARMINGT     192.      1.81      1.56       .25
    129  ELLSWORT     514.      2.05      1.81       .24
    130  PARK RAP     309.      1.11       .87       .24
    131  BUFFALO      647.      2.41      2.17       .24
    132  ST. CLOU     742.      1.73      1.49       .24
    133  WESTBROO     175.      1.76      1.53       .24
    134  KIESTER      222.      1.92      1.69       .24
    135  BARNESVI     146.      1.97      1.74       .23
    136  MAHTOMED     832.      1.79      1.56       .23
    137  OSLO         442.      1.57      1.33       .23
    138  FAIRMONT     454.      1.92      1.69       .23
    139  NEW ULM       88.      1.76      1.53       .23
    140  GRACEVIL      60.      1.92      1.70       .23
    141  SHAKOPEE     720.      1.34      1.11       .23
    142  ROYALTON     485.      1.91      1.68       .22
    143  FERTILE      599.      2.20      1.98       .22
    144  LESUEUR      393.      1.94      1.72       .22
    145  GLENWOOD     612.      2.24      2.03       .22
    146  FERGUS F     544.      1.52      1.31       .21
    147  WELLS        224.      2.23      2.02       .21
    148  MORRIS       769.      2.43      2.23       .21
    149  CALEDONI     299.      1.86      1.66       .20
    150  SARTELL      748.      1.98      1.78       .20
    151  WATERTOW     111.      1.79      1.59       .20
    152  SOUTHLAN     500.      1.82      1.62       .20
    153  CAMPBELL     852.      2.20      2.00       .20
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CASE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
154	HASTINGS	200.	1.40	1.20	.19
155	AITKIN	1.	1.79	1.60	.19
156	BELLE PL	716.	1.99	1.80	.19
157	PLAINVIE	810.	1.96	1.77	.19
158	DEER RIV	317.	1.71	1.52	.19
159	ARLINGTO	731.	2.30	2.11	.19
160	MEDFORD	763.	2.29	2.10	.19
161	FISHER	600.	5.12	4.93	.19
162	INTERNAT	361.	1.77	1.59	.18
163	DELANO	879.	1.82	1.64	.18
164	MONTEVID	129.	2.05	1.87	.18
165	KARLSTAD	353.	2.06	1.88	.18
166	ESKO	99.	1.99	1.81	.18
167	DASSEL-C	466.	1.84	1.66	.18
168	MCINTOSH	603.	1.85	1.67	.18
169	WHITE BE	624.	.79	.61	.18
170	ADRIAN	511.	2.63	2.46	.17
171	BYRON	531.	2.06	1.89	.17
172	BROWERVI	787.	1.46	1.29	.17
173	PRIOR LA	719.	2.04	1.88	.17
174	BLOOMING	271.	1.37	1.21	.17
175	RENVILLE	654.	2.32	2.16	.16
176	STEWARTV	534.	1.91	1.75	.16
177	MADISON	377.	2.01	1.85	.16
178	CEYLON	451.	2.02	1.87	.16
179	MORA	332.	1.65	1.50	.15
180	RED WING	256.	2.03	1.88	.15
181	TWIN VAL	526.	1.86	1.71	.15
182	AUSTIN	492.	1.30	1.15	.15
183	STRANDQU	444.	1.59	1.44	.14
184	CHISHOLM	695.	1.41	1.27	.14
185	SEBEKA	820.	2.08	1.93	.14
186	LITTLEFO	362.	1.81	1.67	.14
187	HERON LA	330.	1.96	1.83	.14
188	ANOKA	11.	1.42	1.29	.14
189	WILLMAR	347.	1.33	1.19	.14
190	MANKATO	77.	1.39	1.26	.13
191	ST. LOUI	283.	1.22	1.09	.13
192	ST. FRAN	15.	1.85	1.72	.13
193	MCGREGOR	4.	2.04	1.91	.13
194	BLOOMING	756.	2.11	1.98	.13
195	IVANHOE	403.	1.31	1.18	.13
196	PINE RIV	117.	1.97	1.84	.13
197	TRACY	417.	2.03	1.90	.13
198	WINONA	861.	.72	.60	.13
199	MARIETTA	376.	1.63	1.50	.13
200	WALKER	119.	1.55	1.43	.12
201	NEVIS	308.	1.71	1.59	.12
202	STILLWAT	834.	1.09	.97	.12
203	BEMIDJI	31.	1.52	1.40	.12
204	WESTONKA	277.	1.81	1.70	.11

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CASE-NO    NAME1      DNUM1      SPXM      SPXF   SPXDIFF

    205  EDGERTON      581.      1.71      1.60       .11
    206  PRINCETO      477.      1.43      1.33       .11
    207  LAKE CRY       70.      2.62      2.51       .11
    208  HAYFIELD      203.      1.87      1.76       .11
    209  HECTOR        651.      1.98      1.88       .10
    210  LAKE SUP      381.      2.25      2.15       .10
    211  ROCKFORD      883.      1.00       .90       .10
    212  BIWABIK       693.      1.52      1.42       .10
    213  LITCHFIE      465.      1.61      1.51       .10
    214  RANDOLPH      195.      2.14      2.04       .10
    215  WARROAD       690.      1.95      1.85       .10
    216  NEW PRAG      721.      1.73      1.63       .09
    217  DANUBE        648.      1.97      1.88       .09
    218  CHASKA        112.      1.63      1.54       .09
    219  LAKEVILL      194.      1.64      1.55       .09
    220  BRAHAM        314.      1.79      1.70       .09
    221  PINE ISL      255.      1.98      1.89       .09
    222  HERMAN        264.      1.92      1.83       .09
    223  WATERVIL      395.      1.89      1.81       .08
    224  BRAINERD      181.      1.39      1.31       .08
    225  OWATONNA      761.      1.66      1.58       .08
    226  CHOKIO-A      771.      2.77      2.69       .08
    227  ALEXANDR      206.      1.73      1.65       .08
    228  PLUMMER       628.      1.68      1.60       .08
    229  MORGAN        636.      1.75      1.67       .07
    230  LAKE PAR       24.      1.56      1.49       .07
    231  GROVE CI      464.      2.15      2.08       .07
    232  HOWARD L      880.      1.91      1.84       .07
    233  HERMANTO      700.      1.71      1.64       .07
    234  MOORHEAD      152.      1.20      1.13       .07
    235  MENAHGA       821.      2.21      2.15       .06
    236  CLARA CI      126.       .88       .82       .06
    237  WABASHA       811.      1.80      1.74       .06
    238  HENNING       545.      1.75      1.70       .05
    239  GREENBUS      678.      1.05      1.00       .05
    240  MINNEAPO        1.      1.48      1.43       .05
    241  EDEN PRA      272.      1.29      1.25       .05
    242  CHATFIEL      227.      1.92      1.88       .04
    243  ROSEMOUN      196.      1.35      1.30       .04
    244  SILVER L      425.      1.87      1.83       .04
    245  BUTTERFI      836.      2.57      2.53       .03
    246  MOUNDS V      621.      1.56      1.52       .03
    247  BELVIEW       631.      1.74      1.71       .03
    248  LESTER P      424.      2.04      2.01       .03
    249  MILAN         128.      1.10      1.07       .03
    250  KASSON-M      204.      2.10      2.07       .03
    251  PROCTOR       704.      1.54      1.51       .03
    252  OLIVIA        653.      1.80      1.77       .03
    253  SOUTH WA      833.      2.15      2.13       .02
    254  ROUND LA      516.      3.54      3.52       .02
    255  BUFFALO       877.      1.46      1.44       .02
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CASE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
256	LAKE BEN	404.	1.94	1.93	.01
257	BARNUM	91.	1.74	1.73	.01
258	MARSHALL	413.	.99	.98	.01
259	NORTH ST	622.	1.40	1.39	.01
260	DOVER-EY	533.	1.91	1.91	.01
261	EDINA	273.	1.67	1.66	.01
262	MABEL-CA	238.	1.77	1.76	.00
263	CANNON F	252.	1.73	1.73	.00
264	ST. LOUI	710.	1.89	1.89	.00
265	HINCKLEY	573.	1.97	1.97	.00
266	CASS LAK	115.	1.00	1.00	0
267	PILLAGER	116.	1.00	1.00	0
268	GONVICK	158.	1.00	1.00	0
269	WINDOM	177.	1.00	1.00	0
270	WEST CON	205.	1.00	1.00	0
271	PETERSON	232.	1.00	1.00	0
272	PRESTON	233.	1.00	1.00	0
273	EMMONS	243.	1.00	1.00	0
274	GLENVILL	245.	1.00	1.00	0
275	GOODHUE	253.	1.00	1.00	0
276	ASHBY	261.	1.00	1.00	0
277	RICHFIEL	280.	1.00	1.00	0
278	SPRING G	297.	1.00	1.00	0
279	COLERAIN	316.	1.00	1.00	0
280	MINNEOTA	414.	1.00	1.00	0
281	GLENCOE	422.	1.00	1.00	0
282	GRANADA-	460.	1.00	1.00	0
283	SWANVILL	486.	1.00	1.00	0
284	DEER CRE	543.	1.00	1.00	0
285	FOSSTON	601.	1.00	1.00	0
286	BELGRADE	736.	1.00	1.00	0
287	BROOTEN	737.	1.00	1.00	0
288	LONG PRA	792.	1.00	1.00	0
289	ST. JAME	840.	1.00	1.00	0
290	BRECKENR	846.	1.00	1.00	0
291	EVELETH	697.	1.67	1.67	-.00
292	MONTICEL	882.	1.82	1.82	-.00
293	NEW LOND	345.	1.69	1.70	-.01
294	NICOLLET	507.	1.66	1.66	-.01
295	THIEF RI	564.	1.63	1.64	-.01
296	PERHAM	549.	4.72	4.73	-.01
297	ST. PAUL	625.	1.46	1.47	-.01
298	WALDORF-	913.	2.22	2.24	-.01
299	FARIBAUL	656.	1.02	1.03	-.01
300	MAPLETON	72.	.98	1.00	-.02
301	WADENA	819.	1.71	1.73	-.02
302	SOUTH ST	6.	1.76	1.78	-.02
303	ORTONVIL	62.	1.60	1.62	-.03
304	SAUK RAP	47.	1.84	1.87	-.03
305	ISLE	473.	2.29	2.33	-.03
306	KERKHOVE	775.	1.44	1.47	-.03

CASE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
307	BURNSVIL	191.	1.08	1.12	-.04
308	LUVERNE	670.	1.60	1.64	-.04
309	ALDEN	242.	2.07	2.11	-.04
310	HILL CIT	2.	1.78	1.83	-.04
311	WORTHING	518.	.94	.98	-.05
312	ASKOV	566.	1.77	1.83	-.06
313	GRANITE	894.	1.77	1.83	-.06
314	MOOSE LA	97.	1.50	1.57	-.07
315	FRIDLEY	14.	1.65	1.73	-.08
316	OSSEO	279.	1.48	1.56	-.08
317	COMFREY	81.	1.52	1.59	-.08
318	LANCASTE	356.	1.39	1.47	-.08
319	LEROY	499.	1.30	1.38	-.09
320	MORRISTO	657.	1.86	1.95	-.09
321	KENYON	254.	1.68	1.76	-.09
322	LAPORTE	306.	2.21	2.31	-.09
323	PINE CIT	578.	1.81	1.90	-.09
324	WOOD LAK	896.	1.58	1.67	-.10
325	BADGER	676.	1.30	1.40	-.10
326	WAYZATA	284.	1.57	1.67	-.10
327	HOPKINS	270.	1.15	1.26	-.11
328	HILLS-BE	671.	1.82	1.94	-.11
329	HARMONY	228.	1.92	2.03	-.12
330	FOLEY	51.	1.94	2.05	-.12
331	CLEVELAN	391.	2.00	2.12	-.12
332	HALSTAD	524.	1.72	1.85	-.13
333	FREEBORN	244.	2.03	2.16	-.13
334	MONTGOME	394.	2.05	2.19	-.13
335	WINTHROP	735.	1.78	1.92	-.14
336	ATWATER	341.	1.68	1.82	-.14
337	COSMOS	461.	2.11	2.25	-.14
338	CHISAGO	141.	1.59	1.74	-.14
339	KELLIHER	36.	1.96	2.11	-.15
340	JACKSON	324.	1.86	2.03	-.17
341	SPRING V	237.	1.34	1.51	-.18
342	JASPER	582.	1.73	1.91	-.18
343	HOUSTON	294.	1.67	1.85	-.18
344	GRYGLA	447.	1.13	1.31	-.18
345	DODGE CE	202.	1.54	1.72	-.19
346	CLIMAX	592.	1.78	1.97	-.19
347	ULEN-HIT	914.	1.36	1.55	-.19
348	WASECA	829.	1.67	1.88	-.21
349	NORTH BR	138.	1.56	1.78	-.22
350	OGILVIE	333.	1.60	1.85	-.25
351	BROOKLYN	286.	.64	.89	-.25
352	NEWFOLDE	441.	1.76	2.01	-.25
353	MINNESOT	223.	2.22	2.48	-.26
354	DULUTH	709.	1.40	1.66	-.26
355	SLEEPY E	84.	1.45	1.73	-.28
356	GILBERT	699.	1.49	1.78	-.29
357	CROMWELL	95.	1.98	2.28	-.30

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CASE-NO     NAME1      DNUM1      SPXM      SPXF   SPXDIF

    358  MINNETON      276.       1.33      1.66      -.33
    359  ELMORE        219.       1.86      2.20      -.34
    360  MELROSE       740.       1.46      1.80      -.35
    361  WANAMING      258.       1.26      1.61      -.35
    362  FAIRFAX       649.       1.72      2.08      -.35
    363  LAMBERTO      633.       1.21      1.57      -.36
    364  ARGYLE        437.       1.84      2.21      -.37
    365  PARKERS       547.       1.32      1.69      -.37
    366  BROWNS V      801.       1.43      1.82      -.38
    367  DILWORTH      147.       1.27      1.71      -.44
    368  MILACA        912.       2.20      2.66      -.45
    369  CLOQUET        94.       1.12      1.58      -.46
    370  FLOODWOO      698.       1.46      1.92      -.46
    371  BRANDON       207.       1.80      2.30      -.51
    372  WABASSO       640.       1.32      1.84      -.53
    373  TAYLORS       140.       1.00      1.58      -.58
    374  STEPHEN       443.       1.80      2.46      -.66
    375  WYKOFF        236.       1.00      1.71      -.71
    376  HENDERSO      734.       1.29      2.00      -.71
    377  ELGIN         806.       2.18      2.97      -.79
    378  LYLE          497.       1.69      2.48      -.79
    379  WRENSHAL      100.       1.45      2.31      -.86
    380  STORDEN-      178.       1.03      1.90      -.87
    381  BENSON        777.       2.23      3.13      -.90
    382  WAUBUN        435.        .78      1.69      -.90
    383  MOUNTAIN      712.       1.19      2.11      -.91
    384  PEQUOT L      186.       2.67      3.72     -1.05
    385  MAHNOMEN      432.       2.16     59.33    -57.18
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APPENDIX G2

Average Number of Sports Played by Male and Female Participants

385 Districts in District Number Order

APPENDIX G2

E-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
1	AITKIN	1.	1.79	1.60	.19
2	MINNEAPO	1.	1.48	1.43	.05
3	HILL CIT	2.	1.78	1.83	-.04
4	MCGREGOR	4.	2.04	1.91	.13
5	SOUTH ST	6.	1.76	1.78	-.02
6	ANOKA	11.	1.42	1.29	.14
7	CENTENNI	12.	1.47	1.16	.31
8	COLUMBIA	13.	2.15	1.71	.44
9	FRIDLEY	14.	1.65	1.73	-.08
10	ST. FRAN	15.	1.85	1.72	.13
11	SPRING L	16.	1.51	1.20	.32
12	DETROIT	22.	2.07	1.68	.39
13	FRAZEE	23.	2.11	1.73	.38
14	LAKE PAR	24.	1.56	1.49	.07
15	BEMIDJI	31.	1.52	1.40	.12
16	BLACKDUC	32.	2.03	1.41	.63
17	KELLIHER	36.	1.96	2.11	-.15
18	RED LAKE	38.	2.41	2.06	.36
19	SAUK RAP	47.	1.84	1.87	-.03
20	FOLEY	51.	1.94	2.05	-.12
21	GRACEVIL	60.	1.92	1.70	.23
22	ORTONVIL	62.	1.60	1.62	-.03
23	LAKE CRY	70.	2.62	2.51	.11
24	MAPLETON	72.	.98	1.00	-.02
25	ST. CLAI	75.	1.83	1.44	.38
26	MANKATO	77.	1.39	1.26	.13
27	COMFREY	81.	1.52	1.59	-.08
28	SLEEPY E	84.	1.45	1.73	-.28
29	SPRINGFI	85.	2.14	1.64	.49
30	NEW ULM	88.	1.76	1.53	.23
31	BARNUM	91.	1.74	1.73	.01
32	CARLTON	93.	2.91	2.39	.52
33	CLOQUET	94.	1.12	1.58	-.46
34	CROMWELL	95.	1.98	2.28	-.30
35	MOOSE LA	97.	1.50	1.57	-.07
36	ESKO	99.	1.99	1.81	.18
37	WRENSHAL	100.	1.45	2.31	-.86
38	WACONIA	110.	1.69	1.07	.62
39	WATERTOW	111.	1.79	1.59	.20
40	CHASKA	112.	1.63	1.54	.09
41	BACKUS	114.	1.52	1.23	.30
42	CASS LAK	115.	1.00	1.00	0
43	PILLAGER	116.	1.00	1.00	0
44	PINE RIV	117.	1.97	1.84	.13
45	REMER	118.	1.97	1.42	.55
46	WALKER	119.	1.55	1.43	.12
47	CLARA CI	126.	.88	.82	.06
48	MILAN	128.	1.10	1.07	.03
49	MONTEVID	129.	2.05	1.87	.18
50	NORTH BR	138.	1.56	1.78	-.22

E-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
51	RUSH CIT	139.	1.99	1.50	.50
52	TAYLORS	140.	1.00	1.58	-.58
53	CHISAGO	141.	1.59	1.74	-.14
54	GLYNDON	145.	1.87	1.58	.29
55	BARNESVI	146.	1.97	1.74	.23
56	DILWORTH	147.	1.27	1.71	-.44
57	HAWLEY	150.	2.02	1.56	.46
58	MOORHEAD	152.	1.20	1.13	.07
59	GONVICK	158.	1.00	1.00	0
60	CLEARBRO	161.	2.29	1.88	.41
61	BAGLEY	162.	2.05	1.24	.81
62	COOK COU	166.	1.69	1.21	.48
63	MOUNTAIN	173.	2.93	1.36	1.57
64	WESTBROO	175.	1.76	1.53	.24
65	WINDOM	177.	1.00	1.00	0
66	STORDEN-	178.	1.03	1.90	-.87
67	BRAINERD	181.	1.39	1.31	.08
68	CROSBY	182.	4.77	3.46	1.30
69	PEQUOT L	186.	2.67	3.72	-1.05
70	BURNSVIL	191.	1.08	1.12	-.04
71	FARMINGT	192.	1.81	1.56	.25
72	LAKEVILL	194.	1.64	1.55	.09
73	RANDOLPH	195.	2.14	2.04	.10
74	ROSEMOUN	196.	1.35	1.30	.04
75	WEST ST.	197.	1.74	1.47	.27
76	INVER GR	199.	1.94	1.58	.36
77	HASTINGS	200.	1.40	1.20	.19
78	CLAREMON	201.	2.25	1.62	.63
79	DODGE CE	202.	1.54	1.72	-.19
80	HAYFIELD	203.	1.87	1.76	.11
81	KASSON-M	204.	2.10	2.07	.03
82	WEST CON	205.	1.00	1.00	0
83	ALEXANDR	206.	1.73	1.65	.08
84	BRANDON	207.	1.80	2.30	-.51
85	EVANSVIL	208.	1.88	1.62	.26
86	ELMORE	219.	1.86	2.20	-.34
87	KIESTER	222.	1.92	1.69	.24
88	MINNESOT	223.	2.22	2.48	-.26
89	WELLS	224.	2.23	2.02	.21
90	CHATFIEL	227.	1.92	1.88	.04
91	HARMONY	228.	1.92	2.03	-.12
92	LANESBOR	229.	2.32	1.66	.66
93	PETERSON	232.	1.00	1.00	0
94	PRESTON	233.	1.00	1.00	0
95	RUSHFORD	234.	2.19	1.38	.82
96	WYKOFF	236.	1.00	1.71	-.71
97	SPRING V	237.	1.34	1.51	-.18
98	MABEL-CA	238.	1.77	1.76	.00
99	BLUE EAR	240.	1.98	1.69	.29
100	ALBERT L	241.	1.87	1.45	.42

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E-NO    NAME1     DNUM1     SPXM     SPXF   SPXDIFF

 101  ALDEN        242.     2.07     2.11     -.04
 102  EMMONS       243.     1.00     1.00        0
 103  FREEBORN     244.     2.03     2.16     -.13
 104  GLENVILL     245.     1.00     1.00        0
 105  CANNON F     252.     1.73     1.73      .00
 106  GOODHUE      253.     1.00     1.00        0
 107  KENYON       254.     1.68     1.76     -.09
 108  PINE ISL     255.     1.98     1.89      .09
 109  RED WING     256.     2.03     1.88      .15
 110  WANAMING     258.     1.26     1.61     -.35
 111  ZUMBROTA     260.     1.78     1.26      .53
 112  ASHBY        261.     1.00     1.00        0
 113  ELBOW LA     263.     1.91     1.54      .37
 114  HERMAN       264.     1.92     1.83      .09
 115  HOFFMAN      265.     2.23     1.99      .25
 116  HOPKINS      270.     1.15     1.26     -.11
 117  BLOOMING     271.     1.37     1.21      .17
 118  EDEN PRA     272.     1.29     1.25      .05
 119  EDINA        273.     1.67     1.66      .01
 120  MINNETON     276.     1.33     1.66     -.33
 121  WESTONKA     277.     1.81     1.70      .11
 122  ORONO        278.     1.92     1.50      .42
 123  OSSEO        279.     1.48     1.56     -.08
 124  RICHFIEL     280.     1.00     1.00        0
 125  ROBBINSD     281.     1.50      .92      .58
 126  ST. ANTH     282.     1.85     1.39      .46
 127  ST. LOUI     283.     1.22     1.09      .13
 128  WAYZATA      284.     1.57     1.67     -.10
 129  BROOKLYN     286.      .64      .89     -.25
 130  HOUSTON      294.     1.67     1.85     -.18
 131  SPRING G     297.     1.00     1.00        0
 132  CALEDONI     299.     1.86     1.66      .20
 133  LA CRESC     300.     1.86     1.49      .37
 134  LAPORTE      306.     2.21     2.31     -.09
 135  NEVIS        308.     1.71     1.59      .12
 136  PARK RAP     309.     1.11      .87      .24
 137  BRAHAM       314.     1.79     1.70      .09
 138  COLERAIN     316.     1.00     1.00        0
 139  DEER RIV     317.     1.71     1.52      .19
 140  GRAND RA     318.     1.64     1.39      .25
 141  NASHWAUK     319.     1.96     1.34      .62
 142  JACKSON      324.     1.86     2.03     -.17
 143  LAKEFIEL     325.     2.16     1.85      .31
 144  HERON LA     330.     1.96     1.83      .14
 145  MORA         332.     1.65     1.50      .15
 146  OGILVIE      333.     1.60     1.85     -.25
 147  ATWATER      341.     1.68     1.82     -.14
 148  NEW LOND     345.     1.69     1.70     -.01
 149  WILLMAR      347.     1.33     1.19      .14
 150  HALLOCK      351.     2.18     1.81      .37
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SE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
151	KARLSTAD	353.	2.06	1.88	.18
152	KENNEDY	354.	2.00	1.53	.47
153	LANCASTE	356.	1.39	1.47	-.08
154	INTERNAT	361.	1.77	1.59	.18
155	LITTLEFO	362.	1.81	1.67	.14
156	SOUTH KO	363.	4.95	4.36	.59
157	BELLINGH	371.	1.88	1.61	.27
158	MARIETTA	376.	1.63	1.50	.13
159	MADISON	377.	2.01	1.85	.16
160	DAWSON	378.	1.97	1.35	.62
161	LAKE SUP	381.	2.25	2.15	.10
162	LAKE OF	390.	2.22	1.85	.37
163	CLEVELAN	391.	2.00	2.12	-.12
164	LECENTER	392.	2.13	1.71	.41
165	LESUEUR	393.	1.94	1.72	.22
166	MONTGOME	394.	2.05	2.19	-.13
167	WATERVIL	395.	1.89	1.81	.08
168	HENDRICK	402.	3.27	2.15	1.12
169	IVANHOE	403.	1.31	1.18	.13
170	LAKE BEN	404.	1.94	1.93	.01
171	TYLER	409.	1.51	1.13	.38
172	BALATON	411.	2.12	1.79	.32
173	COTTONWO	412.	2.18	1.75	.42
174	MARSHALL	413.	.99	.98	.01
175	MINNEOTA	414.	1.00	1.00	0
176	TRACY	417.	2.03	1.90	.13
177	RUSSELL	418.	2.84	1.95	.88
178	BROWNTON	421.	2.06	1.64	.42
179	GLENCOE	422.	1.00	1.00	0
180	HUTCHINS	423.	1.84	1.36	.48
181	LESTER P	424.	2.04	2.01	.03
182	SILVER L	425.	1.87	1.83	.04
183	STEWART	426.	2.13	1.85	.28
184	MAHNOMEN	432.	2.16	59.33	-57.18
185	WAUBUN	435.	.78	1.69	-.90
186	ARGYLE	437.	1.84	2.21	-.37
187	MIDDLE R	440.	1.94	1.62	.32
188	NEWFOLDE	441.	1.76	2.01	-.25
189	OSLO	442.	1.57	1.33	.23
190	STEPHEN	443.	1.80	2.46	-.66
191	STRANDQU	444.	1.59	1.44	.14
192	WARREN	446.	2.00	1.68	.32
193	GRYGLA	447.	1.13	1.31	-.18
194	CEYLON	451.	2.02	1.87	.16
195	FAIRMONT	454.	1.92	1.69	.23
196	SHERBURN	456.	1.86	1.46	.40
197	TRIMONT	457.	4.58	2.04	2.54
198	TRUMAN	458.	1.71	1.26	.46
199	GRANADA-	460.	1.00	1.00	0
200	COSMOS	461.	2.11	2.25	-.14

SE-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
201	EDEN VAL	463.	2.21	.96	1.25
202	GROVE CI	464.	2.15	2.08	.07
203	LITCHFIE	465.	1.61	1.51	.10
204	DASSEL-C	466.	1.84	1.66	.18
205	ISLE	473.	2.29	2.33	-.03
206	PRINCETO	477.	1.43	1.33	.11
207	ONAMIA	480.	1.90	1.58	.32
208	LITTLE F	482.	1.94	1.47	.47
209	MOTLEY	483.	2.50	2.10	.40
210	PIERZ	484.	3.02	2.24	.77
211	ROYALTON	485.	1.91	1.68	.22
212	SWANVILL	486.	1.00	1.00	0
213	UPSALA	487.	2.38	1.67	.71
214	AUSTIN	492.	1.30	1.15	.15
215	GRAND ME	495.	2.22	1.83	.39
216	LYLE	497.	1.69	2.48	-.79
217	LEROY	499.	1.30	1.38	-.09
218	SOUTHLAN	500.	1.82	1.62	.20
219	SLAYTON	504.	2.16	1.67	.49
220	FULDA	505.	2.37	2.00	.37
221	NICOLLET	507.	1.66	1.66	-.01
222	ST. PETE	508.	4.93	4.10	.83
223	ADRIAN	511.	2.63	2.46	.17
224	ELLSWORT	514.	2.05	1.81	.24
225	ROUND LA	516.	3.54	3.52	.02
226	WORTHING	518.	.94	.98	-.05
227	ADA	521.	2.24	1.83	.41
228	GARY	523.	3.93	2.57	1.36
229	HALSTAD	524.	1.72	1.85	-.13
230	TWIN VAL	526.	1.86	1.71	.15
231	BYRON	531.	2.06	1.89	.17
232	DOVER-EY	533.	1.91	1.91	.01
233	STEWARTV	534.	1.91	1.75	.16
234	ROCHESTE	535.	1.05	.64	.42
235	BATTLE L	542.	2.17	1.65	.52
236	DEER CRE	543.	1.00	1.00	0
237	FERGUS F	544.	1.52	1.31	.21
238	HENNING	545.	1.75	1.70	.05
239	PARKERS	547.	1.32	1.69	-.37
240	PELICAN	548.	2.61	2.18	.43
241	PERHAM	549.	4.72	4.73	-.01
242	UNDERWOO	550.	1.69	1.39	.31
243	NEW YORK	553.	1.93	1.67	.26
244	THIEF RI	564.	1.63	1.64	-.01
245	ASKOV	566.	1.77	1.83	-.06
246	FINLAYSO	570.	1.60	1.00	.60
247	HINCKLEY	573.	1.97	1.97	.00
248	SANDSTON	576.	1.72	1.43	.28
249	PINE CIT	578.	1.81	1.90	-.09
250	EDGERTON	581.	1.71	1.60	.11

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E-NO    NAME1      DNUM1     SPXM      SPXF    SPXDIFF

 251  JASPER        582.      1.73      1.91      -.18
 252  PIPESTON      583.      2.77      2.44       .32
 253  CLIMAX        592.      1.78      1.97      -.19
 254  CROOKSTO      593.      2.09      1.72       .37
 255  EAST GRA      595.      1.57      1.17       .40
 256  FERTILE       599.      2.20      1.98       .22
 257  FISHER        600.      5.12      4.93       .19
 258  FOSSTON       601.      1.00      1.00        0
 259  MCINTOSH      603.      1.85      1.67       .18
 260  GLENWOOD      612.      2.24      2.03       .22
 261  STARBUCK      614.      2.07      1.74       .32
 262  VILLARD       615.      1.00       .52       .48
 263  MOUNDS V      621.      1.56      1.52       .03
 264  NORTH ST      622.      1.40      1.39       .01
 265  ROSEVILL      623.      2.17      1.75       .42
 266  WHITE BE      624.       .79       .61       .18
 267  ST. PAUL      625.      1.46      1.47      -.01
 268  OKLEE         627.      2.66      1.54      1.12
 269  PLUMMER       628.      1.68      1.60       .08
 270  RED LAKE      630.      1.79      1.51       .28
 271  BELVIEW       631.      1.74      1.71       .03
 272  LAMBERTO      633.      1.21      1.57      -.36
 273  MORGAN        636.      1.75      1.67       .07
 274  REDWOOD       637.      1.88      1.56       .32
 275  WABASSO       640.      1.32      1.84      -.53
 276  WALNUT G      641.      2.42      1.79       .62
 277  BUFFALO       647.      2.41      2.17       .24
 278  DANUBE        648.      1.97      1.88       .09
 279  FAIRFAX       649.      1.72      2.08      -.35
 280  HECTOR        651.      1.98      1.88       .10
 281  OLIVIA        653.      1.80      1.77       .03
 282  RENVILLE      654.      2.32      2.16       .16
 283  FARIBAUL      656.      1.02      1.03      -.01
 284  MORRISTO      657.      1.86      1.95      -.09
 285  NORTHFIE      659.      1.80      1.43       .37
 286  LUVERNE       670.      1.60      1.64      -.04
 287  HILLS-BE      671.      1.82      1.94      -.11
 288  BADGER        676.      1.30      1.40      -.10
 289  GREENBUS      678.      1.05      1.00       .05
 290  ROSEAU        682.      1.81      1.05       .76
 291  WARROAD       690.      1.95      1.85       .10
 292  AURORA        691.      1.69      1.40       .29
 293  BABBITT       692.      1.89      1.31       .58
 294  BIWABIK       693.      1.52      1.42       .10
 295  CHISHOLM      695.      1.41      1.27       .14
 296  ELY           696.      2.64      1.56      1.08
 297  EVELETH       697.      1.67      1.67      -.00
 298  FLOODWOO      698.      1.46      1.92      -.46
 299  GILBERT       699.      1.49      1.78      -.29
 300  HERMANTO      700.      1.71      1.64       .07
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E-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
301	HIBBING	701.	1.73	1.40	.33
302	PROCTOR	704.	1.54	1.51	.03
303	VIRGINIA	706.	1.66	1.25	.41
304	TOWER-SO	708.	3.04	2.32	.73
305	DULUTH	709.	1.40	1.66	-.26
306	ST. LOUI	710.	1.89	1.89	.00
307	MOUNTAIN	712.	1.19	2.11	-.91
308	BELLE PL	716.	1.99	1.80	.19
309	PRIOR LA	719.	2.04	1.88	.17
310	SHAKOPEE	720.	1.34	1.11	.23
311	NEW PRAG	721.	1.73	1.63	.09
312	BECKER	726.	2.18	1.58	.60
313	BIG LAKE	727.	1.23	.60	.63
314	ELK RIVE	728.	2.01	1.46	.55
315	ARLINGTO	731.	2.30	2.11	.19
316	GAYLORD	732.	1.72	1.30	.42
317	HENDERSO	734.	1.29	2.00	-.71
318	WINTHROP	735.	1.78	1.92	-.14
319	BELGRADE	736.	1.00	1.00	0
320	BROOTEN	737.	1.00	1.00	0
321	HOLDINGF	738.	2.26	1.75	.51
322	KIMBALL	739.	2.23	1.97	.25
323	MELROSE	740.	1.46	1.80	-.35
324	PAYNESVI	741.	1.90	1.55	.35
325	ST. CLOU	742.	1.73	1.49	.24
326	SAUK CEN	743.	1.68	1.41	.27
327	ALBANY	745.	1.93	1.61	.32
328	SARTELL	748.	1.98	1.78	.20
329	COLD SPR	750.	2.25	1.12	1.14
330	BLOOMING	756.	2.11	1.98	.13
331	OWATONNA	761.	1.66	1.58	.08
332	MEDFORD	763.	2.29	2.10	.19
333	HANCOCK	768.	2.53	2.00	.53
334	MORRIS	769.	2.43	2.23	.21
335	CHOKIO-A	771.	2.77	2.69	.08
336	KERKHOVE	775.	1.44	1.47	-.03
337	BENSON	777.	2.23	3.13	-.90
338	APPLETON	784.	1.84	1.38	.47
339	BERTHA-H	786.	1.98	1.46	.52
340	BROWERVI	787.	1.46	1.29	.17
341	EAGLE BE	790.	2.32	1.82	.49
342	GREY EAG	791.	2.00	1.47	.53
343	LONG PRA	792.	1.00	1.00	0
344	BROWNS V	801.	1.43	1.82	-.38
345	ELGIN	806.	2.18	2.97	-.79
346	PLAINVIE	810.	1.96	1.77	.19
347	WABASHA	811.	1.80	1.74	.06
348	LAKE CIT	813.	6.28	3.42	2.86
349	VERNDALE	818.	2.02	1.28	.74
350	WADENA	819.	1.71	1.73	-.02

S-NO	NAME1	DNUM1	SPXM	SPXF	SPXDIFF
351	SEBEKA	820.	2.08	1.93	.14
352	MENAHGA	821.	2.21	2.15	.06
353	NEW RICH	827.	2.29	1.60	.69
354	WASECA	829.	1.67	1.88	-.21
355	JANESVIL	830.	1.83	1.53	.30
356	FOREST L	831.	1.52	1.23	.29
357	MAHTOMED	832.	1.79	1.56	.23
358	SOUTH WA	833.	2.15	2.13	.02
359	STILLWAT	834.	1.09	.97	.12
360	BUTTERFI	836.	2.57	2.53	.03
361	MADELIA	837.	2.64	2.21	.43
362	ST. JAME	840.	1.00	1.00	0
363	BRECKENR	846.	1.00	1.00	0
364	ROTHSAY	850.	1.80	1.24	.56
365	CAMPBELL	852.	2.20	2.00	.20
366	LEWISTON	857.	2.04	1.73	.31
367	ST. CHAR	858.	1.92	1.50	.42
368	WINONA	861.	.72	.60	.13
369	ANNANDAL	876.	2.33	2.01	.33
370	BUFFALO	877.	1.46	1.44	.02
371	DELANO	879.	1.82	1.64	.18
372	HOWARD L	880.	1.91	1.84	.07
373	MAPLE LA	881.	2.18	1.90	.28
374	MONTICEL	882.	1.82	1.82	-.00
375	ROCKFORD	883.	1.00	.90	.10
376	ST. MICH	885.	1.95	1.56	.40
377	CANBY	891.	2.01	1.45	.56
378	CLARKFIE	892.	2.18	1.72	.46
379	GRANITE	894.	1.77	1.83	-.06
380	WOOD LAK	896.	1.58	1.67	-.10
381	CAMBRIDG	911.	2.00	1.63	.37
382	MILACA	912.	2.20	2.66	-.45
383	WALDORF-	913.	2.22	2.24	-.01
384	ULEN-HIT	914.	1.36	1.55	-.19
385	CHANDLER	918.	2.38	1.63	.75

APPENDIX H

Athletic Activities Report: State Totals for 1989-90

DESCRIPTION		TEAMS	COACHES	PARTICIPANTS	EXPENDITURES	EXP/PARTIC	SPORT COUNT
SWIMMING	FEMALE	275	350	4,856	473,147	97	
	MALE	232	285	3,209	367,372	114	
	DIFFERENCE	43	65	1,647	105,775	17-	
ARCHERY	FEMALE	4	4	53	432	9	
	MALE	2	3	25	1,964	79	
	DIFFERENCE	2	1	28	1,532-	70-	
BADMINTON	FEMALE	23	20	209	5,303	24	
	MALE	0	0	1	0	0	
	DIFFERENCE	23	20	208	5,303	24	
BASEBALL/SOFTBALL	FEMALE	949	944	13,938	866,513	62	
	MALE	1,115	1,121	17,184	1,157,637	67	
	DIFFERENCE	166-	177-	3,246-	291,124-	5-	
BASKETBALL	FEMALE	1,672	1,601	19,046	2,011,537	106	
	MALE	1,797	1,741	22,547	2,255,561	100	
	DIFFERENCE	125-	140-	3,501-	244,024-	6	
CROSS COUNTRY(RUNNING)	FEMALE	290	227	2,206	144,093	65	
	MALE	317	245	3,283	176,774	54	
	DIFFERENCE	27-	18-	1,077-	32,681-	11	
FOOTBALL	FEMALE	5	6	5	25	5	
	MALE	1,578	2,483	36,357	3,362,445	92	
	DIFFERENCE	1,573-	2,477-	36,352-	3,362,420-	87-	
GOLF	FEMALE	335	302	2,929	234,866	80	
	MALE	402	359	4,916	299,765	61	
	DIFFERENCE	67-	57-	1,987-	64,899-	19	
GYMNASTICS	FEMALE	345	441	4,010	514,408	128	
	MALE	22	25	221	33,558	152	
	DIFFERENCE	323	416	3,789	480,850	24-	
SOCCER	FEMALE	175	183	2,959	261,350	88	
	MALE	240	252	4,659	316,903	68	
	DIFFERENCE	65-	69-	1,700-	55,553-	20	
TENNIS	FEMALE	367	373	5,512	326,263	59	
	MALE	304	316	4,959	248,952	50	
	DIFFERENCE	63	57	553	77,311	9	
TRACK & FIELD	FEMALE	616	835	11,752	675,733	58	
	MALE	663	884	12,087	727,069	60	
	DIFFERENCE	47-	49-	335-	51,336-	2-	
WRESTLING	FEMALE	2	4	10	1,000	100	
	MALE	737	857	9,930	1,231,275	124	
	DIFFERENCE	735-	853-	9,920-	1,230,275-	24-	
SKIING(CROSS COUNTRY)	FEMALE	69	63	716	67,017	94	
	MALE	76	68	731	72,493	99	
	DIFFERENCE	7-	5-	15-	5,476-	5-	

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DESCRIPTION		TEAMS	COACHES	PARTICIPANTS	EXPENDITURES	EXP/PARTIC	SPORT COUNT
SKIING(DOWNHILL)	FEMALE	43	45	373	75,391	201	
	MALE	51	47	740	90,443	122	
	DIFFERENCE	8-	2-	367-	15,337-	79	
HOCKEY	FEMALE	2	2	26	6,130	235	
	MALE	249	353	4,217	1,499,438	356	
	DIFFERENCE	247-	351-	4,191-	1,493,258-	118-	
OTHER	FEMALE	23	26	369	34,332	93	
	MALE	6	5	38	3,500	92	
	DIFFERENCE	17	21	331	30,832	1	
*TOTAL - SAME SPORTS	FEMALE	5,253	5,427	68,969	5,698,281	83	17
	MALE	7,844	9,051	125,104	11,846,719	95	17
	DIFFERENCE	2,591-	3,624-	56,135-	6,148,438-	12-	
VOLLEYBALL	FEMALE	1,635	1,627	24,335	1,670,539	69	
SYNCHRONIZED SWIMMING	FEMALE	17	24	317	14,653	46	
*TOTAL-ONE GENDER ONLY	FEMALE	1,652	1,651	24,652	1,685,232	68	2
SKIING(JUMPING)	MALE	2	2	25	1,300	52	
*TOTAL-ONE GENDER ONLY	MALE	2	2	25	1,300	52	1
ONE GENDER ONLY SPORTS	DIFFERENCE	1,650	1,649	24,627	1,683,932	16	1
*DISTRICT TOTAL	FEMALE	6,905	7,078	93,621 13.2	7,383,433	79	19
	MALE	7,846	9,053	125,129 13.2	11,848,019	95	18
	DIFFERENCE	941-	1,975-	31,508-	4,464,586-	16-	1

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